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### **CLAIMIS**

# 1. A compound of Formula (I):

$$Q \setminus Y \setminus R_1$$

wherein Q is:

$$Z_1$$
 $Z_2$ 
 $Z_3$ 
 $Z_4$ 
 $Z_4$ 
(IIa) or (IIb)

R<sub>1</sub> is selected from the group consisting of:

(i)  $C_{1-16}$  alkyl, and

 $C_{1-16}$  alkyl substituted by substituent(s) independently selected from the group consistin g of:

- ·halogen,
- hydroxy,
- •oxo,
- •C<sub>1-5</sub> alkoxy,
- •C<sub>1-5</sub> alkoxy substituted **b**y substituent(s) independently selected from the group consistin **g** of:
  - ••carbocyclic aryl,
  - ••heterocyclyl, a.nd
  - ••heterocyclyl substituted by C<sub>1-5</sub> alkyl,
- •C<sub>1-5</sub> alkylearbonyloxy,
- ·carbocyclyloxy,
- •carbocyclic aryloxy,

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•carbocyclic aryloxy substituted by substituent(s) independently selected from the group consisting of:

- ••halo gen,
- ••hydroxy,
- ••carb oxy,
- ••carb amoyl,
- ••nitro,
- ••cyano,
- ··amirao,
- ••carb ocyclic aryl,
- ••carb ocyclic aryl substituted by C<sub>1-5</sub> alkoxy,
- ••C<sub>1-5</sub> alkoxy,
- ••C<sub>1-5</sub> alkoxy substituted by halogen,
- ••C<sub>1-5</sub> alkyl, and
- ••C<sub>1-5</sub> alkyl substituted by substituent(s) independently selected from the group consisting of:
  - •••halogen,
  - •••hydroxy,
  - •••carboxy,
  - •••oxo,
  - •••mono-C<sub>1-5</sub> alkylamino,
  - •••di-C<sub>1-5</sub> alkylamino,
  - •••mono-C<sub>1-5</sub> alkylamino substituted by
  - carbocyclic aryl,
  - •••di-C<sub>1-5</sub> alkylamino substituted by carbocyclic
  - aryl,
  - •••mono-C<sub>1-5</sub> alkylamino substituted by

halogenated carbocyclic aryl,

- •••di-C<sub>1-5</sub> alkylamin o substituted by halogenated carbocyclic aryl,
- •••carbocyclic aryle arbonylamino, and
- •••carbocyclic aryle arbonylamino substituted by halogen,
- •heterocyclyloxy,
- •heterocyclyloxy substituted by substituent(s) independently selected from the group consisting of:
  - ••halogen,
  - ••hydroxy,
  - ••carboxy,
  - ••carbamoyl,
  - ••nitro,
  - ••cyano,
  - ••amino,
  - ••carbocyclic aryl,
  - ••carbocyclic aryl substitute d by C<sub>1-5</sub> alkoxy,
  - ••C<sub>1-5</sub> alkoxy,
  - ••C<sub>1-5</sub> alkoxy substituted by substituent(s) independently selected from the group consisting of:
    - •••halogen,
    - •••hydroxy, and
    - •••carboxy,
  - ••C<sub>1-5</sub> alkyl, and
  - ••C<sub>1-5</sub> alkyl substituted by substituent(s) independently selected from the group consisting of:
    - •••halogen,
    - •••hydroxy, and

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#### •••carboxy,

- •substituted heterocyclyl-ethylideneaminooxy,
- •C<sub>1-5</sub> alkoxycarbonyl,
- •C<sub>1-5</sub> alkoxycarbonyl substituted by carbocyclic aryl,
- •mono-C<sub>1-5</sub> alkylaminocarbonyl,
- •di-C<sub>1-5</sub> alkylaminocarbonyl,
- •mono-C<sub>1-5</sub> alkylamino,
- •mono-C<sub>1-5</sub> alkylamino substituted by substituent(s) independently selected from the group consisting of:
  - ••cyano,
  - ••carbocyclic aryl, and
  - ••heterocyclyl,
- •di-C<sub>1-5</sub> alkylamino,
- •di-C<sub>1-5</sub> alkylamino substituted by substituent(s) independently selected from the group consisting of:
  - ••cyano,
  - ••carbocyclic aryl, and
  - . ••heterocyclyl,
- •mono-carbocyclic arylamino,
- •mono-carbocyclic arylamino substituted by substituent(s) independently selected from the group consisting of:
  - ••halogen,
  - ••hydroxy,
  - ••carboxy,
  - ••carbamoyl,
  - ••nitro,
  - ••cyano,
  - ••amino,

- ••carbocyclic aryl,
- ••carbocyclic aryl substituted by C<sub>1-5</sub> alk-oxy,
- •• $C_{1-5}$  alkoxy,
- ••C<sub>1-5</sub> alkoxy substituted by substituent(s) independently selected from the group consisting of:
  - •••halogen,
  - •••hydroxy, and
  - •••carboxy,
- ••C<sub>1-5</sub> alkyl, and
- ••C<sub>1-5</sub> alkyl substituted by substituent(s) independently selected from the group consisting of:
  - •••halogen,
  - •••hydroxy, and
  - •••carboxy,
- •di-carbocyclic arylamino,
- •di-carbocyclic arylamino substituted by substitutent(s) independently selected from the group consisting of:
  - . . halogen,
    - ••hydroxy,
    - ••carboxy,
    - ••carbamoyl,
    - ••nitro,
    - ••cyano,
    - · amino,
    - ••carbocyclic aryl,
  - ••carbocyclic aryl substituted by C<sub>1-5</sub> alkoxy,
  - ••C<sub>1-5</sub> alkoxy,
  - ••C<sub>1-5</sub> alkoxy substituted by substituent(s) independently

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selected from the group consisting of:

- •••halogen,
- •••hydroxy, and
- •••carboxy,
- ••C<sub>1-5</sub> alkyl, and
- ••C<sub>1-5</sub> alkyl substituted by substituent(s) independently selected from the group consisting of:
  - •••halogen,
  - •••hydroxy, and
  - •••carboxy,
- •mono-heterocyclylamino,
- •mono-heterocyclylamino substituted by substituent(s) independently selected from the group consisting of:
  - ••halogen,
  - ••hydroxy,
  - ••carboxy,
  - ••carbamoyl,
  - ••nitro,
  - ••cyano,
  - ••amino,
  - ••carbocyclic aryl,
  - ••carbocyclic aryl substituted by C<sub>1-5</sub> alkoxy,
  - ••C<sub>1-5</sub> alkoxy,
  - ••C<sub>1-5</sub> alkoxy substituted by substituent(s) indepen dently selected from the group consisting of:
    - •••halogen,
    - •••hydroxy, and
    - •••carboxy,

- ••C<sub>1-5</sub> alkyl, and
- ••C<sub>1-5</sub> alkyl substituted by substituent(s) independently selected from the group consisting of:
  - •••halogen,
  - •••hydroxy, and
  - •••carboxy,
- •di-heterocyclylamino,
- •di-heterocyclylamino substituted by substituent(s) independeratly selected from the group consisting of:
  - ••halogen,
  - ••hydroxy,
  - ••carboxy,
  - ••carbamoyl,
  - ••nitro,
  - ••cyano,
  - ••amino,
  - ••carbocyclic aryl,
  - . •• carbocyclic aryl substituted by C<sub>1-5</sub> alkoxy,
    - ••C<sub>1-5</sub> alkoxy,
    - ••C<sub>1-5</sub> alkoxy substituted by substituent(s) independent ly selected from the group consisting of:
      - •••halogen,
      - •••hydroxy, and
      - •••carboxy,
    - ••C<sub>1-5</sub> alkyl, and
    - ••C<sub>1-5</sub> alkyl substituted by substituent(s) independently selected from the group consisting of:
      - •••halogen,

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- •••hydroxy, and
- •••carboxy,
- •C<sub>1-5</sub> alkylcarbonylamino,
- •C<sub>1-5</sub> alkylcarbonylamino substituted by substituent(s)

independently selected from the group consisting of:

- ••C<sub>1-5</sub> alkylcarbonylamino,
- ••carbocyclic arylcarbonylamino, and
- ••heterocyclyl,
- •C<sub>1-5</sub> alkoxycarbonylamino,
- •carbocyclic arylcarbonylamino,
- ·heterocyclyl carbonylamino,
- •carbocyclic arylsulfonylamino,
- •carbocyclic arylsulfonylamino substituted by substituent(s) independently selected from the group consisting of:
  - ••nitro,
  - ••C<sub>1-5</sub> alkyl,
  - ••mono-C<sub>1-5</sub> alkylamino, and
  - . ••di-C<sub>1-5</sub> alkylamino,
- •C<sub>1-5</sub> alkylthio,
- •C<sub>1-5</sub> alkylthio substituted by substituent(s) independently selected from the group consisting of:
  - ••mono-carbocyclic arylaminocarbonyl,
  - ••mono-carbocyclic arylaminocarbonyl substituted by halogen,
  - ••di-carbocyclic arylaminocarbonyl,
  - ••di-carbocyclic arylaminocarbonyl substituted by halogen,
  - ••mono-carbocyclic arylamino,
  - ••mono-carbocyclic arylamino substituted by halogen,

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- ··di-carbocyclic arylamino,
- ••di-carbocyclic arylamino substituted by halogen,
- ••carbocyclic aryl, and
- carbocyclic aryl substituted by substituent(s)

independently selected from the group consisting of:

- •••halogen, and
- •••C<sub>1-5</sub> alkoxy,
- •carbocyclic arylthio,
- •carbocyclic arylthio substituted by substituent(s) independently selected from the group consisting of:
  - ••halogen,
  - ••C<sub>1-5</sub> alkyl, and
  - ••C<sub>1-5</sub> alkyl substituted by halogen,
- •carbocyclic arylsulfinyl,
- •carbocyclic arylsulfinyl substituted by substituent(s) independently selected from the group consisting of:
  - ••halogen,
  - . ••C<sub>1-5</sub> alkyl, and
    - ••C<sub>1-5</sub> alkyl substituted by halogen,
- •carbocyclic arylsulfonyl,
- •carbocyclic arylsulfonyl substituted by substituent(s)

independently selected from the group consisting of:

- ••halogen,
- ••C<sub>1-5</sub> alkyl, and
- ••C<sub>1-5</sub> alkyl substituted by halogen,
- ·heterocyclylthio,
- •heterocyclylthio substituted by substituent(s) independently selected from the group consisting of:

- ••nitro, and
- ••C<sub>1-5</sub> alkyl,
- •C<sub>3-6</sub> cycloalkyl,
- •C<sub>3-6</sub> cycloalkyl substituted by C<sub>1-5</sub> alkyl,
- •C<sub>3-6</sub> cycloalkyl substituted by carbocyclic aryl,
- •C<sub>3-6</sub> cycloalkenyl,
- •carbocyclyl,
- •carbocyclyl substituted by substituent(s) independently selected from the group consisting of:
  - ••halogen,
  - ••C<sub>1-5</sub> alkyl,
  - ••C<sub>1-5</sub> alkoxy,
  - ••C<sub>2-5</sub> alkenyl, and
  - ••C<sub>2-5</sub> alkenyl substituted by substituent(s) independently selected from the group consisting of:
    - •••carbocyclic aryl, and
    - •••carbocyclic aryl substituted by C<sub>1-5</sub> alkylsulfinyl,
- •carbocyclic aryl,
- •carbocyclic aryl substituted by substituent(s) independently selected from the group consisting of:
  - ••halogen,
  - ••hydroxy,
  - ••carboxy,
  - ••carbamoyl,
  - ••cyano,
  - ••nitro,
  - ••amino,

- ••C<sub>1-5</sub> alkylcarbonylamino,
- ••C<sub>3-6</sub> cycloalkylcarbonylamino,
- ••C<sub>1-5</sub> alkyl,
- ••C<sub>1-5</sub> alkyl substituted by substituent(s) independently selected from the group consisting of:
  - •••halogen,
  - •••hydroxy,
  - •••carboxy,
  - •••carbamoyl,
  - •••oxo,
  - •••carbocyclic aryl,
  - •••heterocyclyl,
  - •••mono-carbocyclic arylamino,
  - •••di-carbocyclic arylamino,
  - ••••mono-carbocyclic arylamino substituted by substituent(s) independently selected from the group consisting of:
    - ••••halogen,
    - ••••nitro,
    - ••••C<sub>1-5</sub> alkyl,
    - ••••C<sub>1-5</sub> alkoxy, and
    - ••••C<sub>1-5</sub> alkoxy substituted by halogen,
  - •••di-carbocyclic arylamino substituted by substituent(s) independently selected from the group consisting of:
    - ••••halogen,
    - ••••nitro,
    - •••••C<sub>1-5</sub> alkyl,

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••••C<sub>1-5</sub> alkoxy, and

••••C<sub>1-5</sub> alkoxy substituted by halogen,

- ••C<sub>2-5</sub> alkenyl,
- ••C<sub>1-5</sub> alkoxy,
- ••C<sub>1-5</sub> alkoxy substituted by substituent(s) independently selected from the group consisting of:
  - •••halogen, and
  - •••carbocyclic aryl,
- ··carbocyclic aryloxy,
- ••C<sub>1-5</sub> alkoxycarbonyl,
- ••C<sub>1-5</sub> alkylcarbonyloxy,
- ••mono-C<sub>1-5</sub> alkylamino,
- ••di-C<sub>1-5</sub> alkylamino,
- ••mono-carbocyclic arylamino,
- mono-carbocyclic arylamino substituted by halogen,
- ••di-carbocyclic arylamino,
- ••di-carbocyclic arylamino substituted by halogen,
- ••mono-carbocyclic arylaminocarbonyl,
- ••mono-carbocyclic arylaminocarbonyl substituted by substituent(s) selected from the group consisting of:
  - •••halogen,
  - •••nitro,
  - •••C<sub>1-5</sub> alkyl,
  - •••C<sub>1-5</sub> alkoxy, and
  - •••C<sub>1-5</sub> alkoxy substituted by halogen,
- ••di-carbocyclic arylaminocarbonyl,
- ••di-carbocyclic arylaminocarbonyl substituted by substituent(s) selected from the group consisting of:

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                    •••halogen,
                    •••nitro,
                    •••C<sub>1-5</sub> alkyl,
                   •••C<sub>1-5</sub> alkoxy, and
                   •••C<sub>1-5</sub> alkoxy substituted by halogen,
          ••mercapto,
          ••C<sub>1-5</sub> alkylthio,
          ••C<sub>1-5</sub> alkylthio substituted by halogen,
          ••C<sub>1-5</sub> alkylsulfonyl,
          ••C<sub>3-6</sub> cycloalkyl,
          ••carbocyclic aryl, and
         ••heterocyclyl,
•heterocyclyl, and
•heterocyclyl substituted by substituent(s) independently selected
from the group consisting of:
          ••halogen,
          ••hydroxy,
          ••carboxy,
         ••carbamoyl,
          ••cyano,
          ••nitro,
          ••amino,
          ••C<sub>1-5</sub> alkyl,
          ••C<sub>1-5</sub> alkyl substituted by substituent(s) independently
         selected from the group consisting of:
                   •••halogen,
                   •••hydroxy,
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•••carboxy, and

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- •••carbamoyl,
- ••C<sub>1-5</sub> alkyl substituted by carbocyclic aryl,
- ••C<sub>1-5</sub> alkoxy,
- ••C<sub>1-5</sub> alkoxy substituted by halogen,
- ••C<sub>1-5</sub> alkoxy substituted by carbocyclic aryl,
- ••carbocyclic aryl, and
- ••carbocyclic aryl substituted by halogen,
- (ii) C<sub>2-8</sub> alkenyl, and

C<sub>2-8</sub> alkenyl substituted by substituent(s) independently selected from the group consisting of:

- •halogen,
- •oxo,
- •C<sub>1-5</sub> alkoxy,
- •C<sub>1-5</sub> alkoxy substituted by carbocyclic aryl,
- •carbocyclic aryl,
- •carbocyclic aryl substituted by substituent(s) independently selected from the group consisting of:
  - ••halogen,
  - ••hydroxy,
  - ••nitro,
  - ••C<sub>1-5</sub> alkyl,
  - ••C<sub>1-5</sub> alkyl substituted by halogen,
  - ••C<sub>1-5</sub> alkoxy, and
  - ••C<sub>1-5</sub> alkoxy substituted by halogen,
- ·heterocyclyl, and
- •heterocyclyl substituted by substituent(s) independently selected from the group consisting of:
  - ••hydroxy,

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- ••nitro,
- ••C<sub>1-5</sub> alkyl, and
- ••C<sub>1-5</sub> alkoxy,
- (iii)  $C_{2-5}$  alkynyl, and

C<sub>2-5</sub> alkynyl substituted by carbocyclic aryl,

(iv)  $C_{3-12}$  cycloalkyl, and

 $C_{3-12}$  cycloalkyl substituted by substituent(s) independently selected from the group consisting of:

- •C<sub>1-5</sub> alkyl,
- •C<sub>1-5</sub> alkyl substituted by substituent(s) independently selected from the group consisting of:
  - ••hydroxy,
  - ••oxo, and
  - ••carbocyclic aryl,
- •mono-C<sub>1-5</sub> alkylamino,
- •mono-C<sub>1-5</sub> alkylamino substituted by carbocyclic aryl,
- •di-C<sub>1-5</sub> alkylamino,
- •di-C<sub>1.5</sub> alkylamino substituted by carbocyclic aryl,
- •carbocyclic arylcarbonylamino,
- •carbocyclic aryl, and
- •carbocyclic aryl substituted by halogen,
- (v)  $C_{3-6}$  cycloalkenyl, and

C<sub>3-6</sub> cycloalkenyl substituted by C<sub>1-5</sub> alkyl,

- (vi) carbocyclyl, and
  - carbocyclyl substituted by substitutent(s) independently selected from the group consisting of:
  - hydroxy, and
  - •nitro,

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(vii) carbocyclic aryl, and carbocyclic aryl substituted by substituent(s) independently selected from the group consisting of:

- •halogen,
- •hydroxy,
- •cyano,
- •nitro,
- $\cdot C_{1-10}$  alkyl,
- ${}^{\bullet}C_{1-10}$  alkyl substituted by substituent(s) independently selected from the group consisting of:
  - ••halogen,
  - ••hydroxy,
  - ••carboxy,
  - ••carbamoyl,
  - ••oxo,
  - ••C<sub>1-5</sub> alkoxy,
  - ••carbocyclic aryloxy,
  - ••mono-C<sub>1-5</sub> alkylamino-N-oxy,
  - ••di-C<sub>1-5</sub> alkylamino-N-oxy,
  - ••mono-C<sub>1-5</sub> alkylamino,
  - ••di-C<sub>1-5</sub> alkylamino,
  - ••mono-C<sub>1-5</sub> alkylamino substituted by carbocyclic aryl,
  - ••di-C<sub>1-5</sub> alkylamino substituted by carbocyclic aryl,
  - ••mono-carbocyclic arylamino,
  - ••di-carbocyclic arylamino,
  - ••carbocyclylimino,
  - ••carbocyclylimino substituted by carbocyclic aryl,
  - ••mono-carbocyclic arylamino,

- ••di-carbocyclic arylamino,
- ••mono-carbocyclic arylamino substituted by C<sub>1-5</sub> alkoxy,
- ••di-carbocyclic arylamino substituted by C<sub>1-5</sub> alkoxy,
- ••mono-carbocyclic arylaminocarbonyl,
- ••di-carbocyclic arylaminocarbonyl,
- ••mono-carbocyclic arylaminocarbonyl substituted by C<sub>1-5</sub> alkoxy,
- ••di-carbocyclic arylaminocarbonyl substituted by C<sub>1-5</sub> alkoxy,
- ••carbocyclic aryl,
- ••carbocyclic aryl substituted by substituent(s) independently selected from the group consisting of:
  - •••halogen,
  - •••C<sub>1-5</sub> alkyl, and
  - •••C<sub>1-5</sub> alkyl substituted by halogen,
- ••heterocyclyl, and
- ••heterocyclyl substituted by C<sub>1-5</sub> alkyl,
- •C<sub>2-5</sub> alkenyl,
- •C<sub>2-5</sub> alkenyl substituted by carbocyclic aryl,
- •C<sub>1-9</sub> alkoxy,
- •C<sub>1-9</sub> alkoxy substituted by substituent(s) independently selected from the group consisting of:
  - ••hydroxy,
  - ••halogen,
  - ••carboxy,
  - ••mono-C<sub>1-5</sub> alkylamino,
  - ••di-C<sub>1-5</sub> alkylamino,
  - ••carbocyclic aryl,

- ••halogenated carbocyclic aryl,
- ••heterocyclyl,
- ••heterocyclyl substituted by substituent(s) independently selected from the group consisting of:
  - •••halogen,
  - •••heterocyclyl, and
  - •••heterocyclyl substituted by substituent(s) independently selected from the group consisting of:
    - ••••halogen,
    - ••••C<sub>1-5</sub> alkyl, and
    - ••••C<sub>1-5</sub> alkyl substituted by halogen,
- •C<sub>2-5</sub> alkenyloxy,
- •C<sub>3-6</sub> cycloalkoxy,
- •C<sub>1-5</sub> alkylcarbonyloxy,
- •carbocyclic aryloxy,
- •carbocyclic aryloxy substituted by substituent(s) independently selected from the group consisting of:
  - ••halogen,
  - ••hydroxy,
  - ••carboxy,
  - ••carbamoyl,
  - ••cyano,
  - ••nitro,
  - ••amino,
  - ••C<sub>1-5</sub> alkyl,
  - ••C<sub>1-5</sub> alkyl substituted by substituent(s) independently selected from the group consisting of:

·carboxy,

•carbamoyl,

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                   •••halogen,
                   •••hydroxy,
                   •••carboxy, and
                   •••carbamoyl,
         ••C<sub>1-5</sub> alkoxy, and
         ••C<sub>1-5</sub> alkoxy substituted by halogen,
·heterocyclyloxy,
•heterocyclyloxy substituted by substituent(s) independently
selected from the group consisting of:
         ••halogen,
         ••hydroxy,
         ••carboxy,
         ••carbamoyl,
         ••cyano,
         ••nitro,
         ••amino,
         ••C<sub>1-5</sub> alkyl,
       ••C<sub>1-5</sub> alkyl substituted by substituent(s) independently
         selected from the group consisting of:
                   •••halogen,
                   •••hydroxy,
                   •••carboxy, and
                   •••carbamoyl,
         ••C<sub>1-5</sub> alkoxy, and
         ••C<sub>1-5</sub> alkoxy substituted by halogen,
•(carbocyclic aryl)S(O)<sub>2</sub>O,
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- •C<sub>1-5</sub> alkoxycarbonyl,
- •mono-C<sub>1-5</sub> alkylaminocarbonyl,
- •di-C<sub>1-5</sub> alkylaminocarbonyl,
- •mono-C<sub>1-5</sub> alkylaminocarbonyl substituted by carbocyclic aryl,
- •di-C<sub>1-5</sub> alkylaminocarbonyl substituted by carbocyclic aryl,
- •mono-carbocyclic arylaminocarbonyl,
- •di-carbocyclic arylaminocarbonyl,
- •mono-carbocyclic arylaminocarbonyl substituted by C<sub>1-5</sub> alkyl,
- •di-carbocyclic arylaminocarbonyl substituted by C<sub>1-5</sub> alkyl,
- •amino,
- •mono-C<sub>1-5</sub> alkylamino,
- •di-C<sub>1-5</sub> alkylamino,
- •mono-C<sub>1-5</sub> alkylamino substituted by cyano,
- •di-C<sub>1-5</sub> alkylamino substituted by cyano,
- •mono-carbocyclic arylamino,
- •di-carbocyclic arylamino,
- •C<sub>1-5</sub> alkylcarbonylamino,
- •C<sub>3-6</sub> cycloalkylcarbonylamino,
- •C<sub>2-5</sub> alkynylcarbonylamino,
- •C<sub>2-5</sub> alkynylcarbonylamino substituted by carbocyclic aryl,
- •C<sub>1-5</sub> alkoxycarbonylamino,
- •carbocyclic arylsulfonylamino,
- •carbocyclic arylsulfonylamino substituted by C<sub>1-5</sub> alkyl,
- •(carbocyclic aryl)NHC(O)NH,
- •(carbocyclic aryl)NHC(O)NH substituted by C<sub>1-5</sub> alkoxy,
- •(carbocyclic aryl)NHC(O)NH substituted by haloganated C<sub>1-5</sub> alkoxy,
- •carbocyclic aryl azo,

- •carbocyclic aryl azo substituted by mono-C<sub>1-5</sub> alkylamino;
- •carbocyclic aryl azo substituted by di-C<sub>1-5</sub> alkylamino,
- •C<sub>1-5</sub> alkylthio,
- •C<sub>1-5</sub> alkylthio substituted by halogen,
- •carbocyclic arylthio,
- •carbocyclic arylthio substituted by substituent(s) independently selected from the group consisting of:
  - ••halogen,
  - ••nitro,
  - ••cyano, and
  - ••C<sub>1-5</sub> alkyl,
- •aminosulfonyl,
- •heterocyclylthio,
- •C<sub>1-5</sub> alkylsulfonyl,
- •mono-C<sub>1-5</sub> alkylaminosulfonyl,
- •di-C<sub>1-5</sub> alkylaminosulfonyl,
- •heterocyclylsulfonyl,
- •C<sub>3-6</sub> cycloalkyl,
- •C<sub>3-6</sub> cycloalkyl substituted by C<sub>1-5</sub> alkyl,
- •carbocyclic aryl,
- •carbocyclic aryl substituted by substituent(s) independently selected from the group consisting of:
  - ••C<sub>1-7</sub> alkyl, and
  - ••C<sub>1-7</sub> alkyl substituted by halogen,
- ·heterocyclyl, and
- •heterocyclyl substituted by substituent(s) independently selected from the group consisting of:
  - ••C<sub>1-5</sub> alkyl,

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- ..ca.rbocyclic aryl, and
- ••ha logenated carbocyclic aryl,
- •C<sub>1-5</sub> alkoxy carbonyl substituted by carbocyclic aryl, and
- (viii) heterocycly 1, and

heterocycly1 substituted by substituent(s) independently selected from the group consisting of:

- ·halogen,
- •hydroxy,
- ·carboxy,
- •carbamoyl,
- •cyano,
- •nitro,
- ·amino,
- •C<sub>1-5</sub> alkyl,
- •C<sub>1-5</sub> alkyl substituted by substituent(s) independently selected from the group consisting of:
  - ••ha.logen,
  - ••hy droxy,
  - ••carboxy,
  - ••carbamoyl,
  - ••oxo,
  - ••C<sub>1-5</sub> alkylcarbonyloxy,
  - ••ca.rbocyclic arylcarbonylamino,
  - ••carbocyclic arylcarbonylamino substituted by halogen,
  - ••C<sub>1-5</sub> alkoxycarbonyl,
  - ••C<sub>1-5</sub> alkylthio,
  - ••C<sub>1-5</sub> alkylthio substituted by carbocyclic aryl,
  - ••C<sub>1-5</sub> alkylthio substituted by halogenated carbocyclic

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aryl,

- ··carbocyclic aryl,
- ••carbocyclic aryl substituted by substituent(s)

independently selected from the group consisting of:

- •••halogen, and
- •••nitro,
- ··heterocyclyl, and
- ••heterocyclyl substituted by substituent(s) independently selected from the group consisting of:
  - •••halogen,
  - •••C<sub>1-5</sub> alkyl, and
  - •••C<sub>1-5</sub> alkyl substituted by halogen,
- •C<sub>1-5</sub> alkoxy,
- •C<sub>1-5</sub> alkoxy substituted by halogen,
- •C<sub>1-5</sub> alkoxy substituted by carbocyclic aryl,
- •carbocyclic aryloxy,
- •carbocyclic aryloxy substituted by substituent(s) independently selected from the group consisting of:
  - ••halogen,
  - ••nitro,
  - ••cyano,
  - ••hydroxy,
  - ••carboxy,
  - ••carbamoyl,
  - ••amino,
  - ••C<sub>1-5</sub> alkyl,
  - ••C<sub>1-5</sub> alkyl substituted by substituent(s) independently selected from the group consisting of:

- •••halogen,
- •••hydroxy,
- •••carboxy, and
- •••carbamoy 1,
- ••mono-C<sub>1-5</sub> alkylamino,
- ••di-C<sub>1-5</sub> alkylamino\_
- ••C<sub>1-5</sub> alkylcarbonylamino,
- ••C<sub>3-6</sub> cycloalkycarbonylamino,
- ••C<sub>1-5</sub> alkoxy,
- ••C<sub>1-5</sub> alkoxy substituted by halogen,
- ••C<sub>3-6</sub> cycloalkyl,
- ••C<sub>2-5</sub> alkenyl,
- ••C<sub>2-5</sub> alkynyl,
- ••carboxy,
- ••C<sub>1-5</sub> alkoxycarbonyl,
- ••mono-C<sub>1-5</sub> alkylam inocarbonyl,
- ••di-C<sub>1-5</sub> alkylaminocarbonyl,
- ••mono-C<sub>3-6</sub> cycloalk-ylaminocarbonyl,
- ••di-C<sub>3-6</sub> cycloalkyla minocarbonyl,
- ••mono-C<sub>1-5</sub> alkylam inocarbonylamino,
- ••di-C<sub>1-5</sub> alkylaminocarbonylamino,
- ••mono-C<sub>3-6</sub> cycloalkylaminocarbonylamino,
- ••di-C<sub>3-6</sub> cycloalkylaminocarbonylamino,
- ••C<sub>1-5</sub> alkylthio,
- ••C<sub>1-5</sub> alkylthio substituted by halogen,
- ••C<sub>1-5</sub> alkylsulfinyl,
- ••C<sub>1-5</sub> alkylsulfinyl substituted by halogen,
- ••C<sub>1-5</sub> alkylsulfonyl, and

- ••C<sub>1-5</sub> alkylsulfonyl substituted by halogen,
- •heterocyclyloxy,
- •heterocyclyloxy substituted by sub stituent(s) independently selected from the group consisting of:
  - ··halogen,
  - ••nitro,
  - ••hydroxy,
  - ••carboxy,
  - ••carbamoyl,
  - ••cyano,
  - ••amino,
  - ••C<sub>1-5</sub> alkyl,
  - ••C<sub>1-5</sub> alkyl substituted by substituent(s) independently selected from the group consisting of:
    - •••halogen,
    - •••hydroxy,
    - •••carboxy, and
    - •••carbamoyl,
  - ••C<sub>1-5</sub> alkoxy, and
  - ••C<sub>1-5</sub> alkoxy substituted by halogen,
- •mono-C<sub>1-5</sub> alkylamino,
- •di-C<sub>1-5</sub> alkylamino,
- •C<sub>1-5</sub> alkylcarbonylamino,
- •C<sub>1-5</sub> alkylthio,
- •C<sub>2-5</sub> alkenylthio,
- •carbocyclic arylthio,
- •carbocyclic arylthio substituted by halogen,
- •carbocyclic arylthio substituted by C<sub>1-5</sub> alkoxycarbonyl,

- •heterocyclylthio,
- •heterocyclylthio substituted by C<sub>1-5</sub> alkyl,
- •C<sub>1-5</sub> alkylsulfinyl,
- •C<sub>1-5</sub> alkylsulfonyl,
- •carbocyclic arylsulfinyl,
- •carbocyclic arylsulfinyl substituted by halogen,
- •carbocyclic arylsulfonyl,
- •carbocyclic arylsulfonyl substituted by halogen,
- •carbocyclic arylsulfonyl substituted by C<sub>1-5</sub> alkyl,
- •C<sub>1-5</sub> alkoxycarbonyl,
- •C<sub>1-5</sub> alkoxycarbonyl substituted by carbocyclic aryl,
- ·carbocyclic aryl,
- •carbocyclic aryl substituted by su bstituent(s) independently selected from the group consisting of:
  - ••halogen,
  - ••nitro,
  - ••C<sub>1-5</sub> alkyl,
  - ••C<sub>1-5</sub> alkyl substituted by halogen,
    - ••C<sub>1-5</sub> alkoxy, and
    - ••C<sub>1-5</sub> alkoxy substituted by halogen,
- •heterocyclyl, and
- •heterocyclyl substituted by substituent(s) independently selected from the group consisting of:
  - ••halogen,
  - ••C<sub>1-5</sub> alkyl,
  - ••C<sub>1-5</sub> alkyl substituted by halogen,
  - ••C<sub>1-5</sub> alkoxy, and
  - ••C<sub>1-5</sub> alkoxycarbonyl;

 $R_2$  is halogen,  $C_{1-5}$  alkyl,  $C_{1-5}$  alkyl substituted by halogen,  $C_{1-5}$  alkyl substituted by hydroxy,  $C_{1-5}$  alkyl substituted by carbocyclic aryl,  $C_{1-5}$  alkyl substituted by halogenated carbocyclic aryl,  $C_{1-5}$  alkyl substituted by heterocyclyl,  $C_{1-5}$  alkyl substituted by halogenated heterocyclyl,  $C_{2-5}$  alkenyl,  $C_{2-5}$  alkynyl,  $C_{1-5}$  alkoxy,  $C_{1-5}$  alkoxy substituted by halogen,  $C_{1-5}$  alkylthio,  $-N(R_{2a})(R_{2b})$ ; wherein  $R_{2a}$  and  $R_{2b}$  are each independently hydrogen,  $C_{1-5}$  alkyl, or  $C_{1-5}$  alkyl substituted by substituent(s) independently selected from the group consisting of:

- •halogen,
- hydroxy,
- carboxy,
- •carbamoyl,
- •C<sub>1-5</sub> alkoxy,
- •amino,
- •C<sub>3-6</sub> cycloalkyl,
- •carbocyclic aryl,
- •carbocyclic aryl substituted by substituent(s) independently selected from the group consisting of:
  - ••halogen,
  - •• $C_{1-5}$  alkyl,
  - •• $C_{1-5}$  alkoxy,
  - ••C<sub>1-5</sub> alkyl substituted by halogen,
  - ••C<sub>1-5</sub> alkoxy substituted by halogen, and
  - ••-SO<sub>2</sub>NH<sub>2</sub>,
- •heterocyclyl, and
- •heterocyclyl substituted by substituent(s) ind ependently selected from the group consisting of:

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- ••halogen,
- ••C<sub>1-5</sub> alkyl,
- •• $C_{1-5}$  alkoxy,
- ••C<sub>1-5</sub> alkyl substituted by halogen, and
- ••C<sub>1-5</sub> alkoxy substituted by halogen,

C<sub>3-6</sub> cycloalkyl, carbocyclic aryl, carbocyclic aryl substituted by substituent(s) independently selected from the group cons isting of:

- •halogen,
- $\cdot$ C<sub>1-5</sub> alkyl,
- •C<sub>1-5</sub> alkoxy,
- •C<sub>1-5</sub> alkyl substituted by halogen, and
- •C<sub>1-5</sub> alkoxy substituted by halogen,

heterocyclyl, or heterocyclyl substituted by substituent(s) independently selected from the group consisting of:

- ·halogen,
- •C<sub>1-5</sub> alkyl,
- •C<sub>1-5</sub> alkoxy,
- •C<sub>1-5</sub> alkyl substituted by halogen, and
- •C<sub>1-5</sub> alkoxy substituted by halogen;

L is selected from the group consisting of Formulae (III), (IIIa), (IIIb),

(IV), (IVa), and (IVb);

R<sub>3</sub>

R<sub>4</sub>

(III)

R<sub>3</sub>

R<sub>4</sub>

(IIII)

(IIIIa)

(IVa)

(IVa)

(IVb)

wherein R<sub>3</sub> and R<sub>4</sub> are each independently hydrogen or C<sub>1-5</sub> alkyl; and A and B are each independently a single bond, -CH<sub>2</sub>-, or -(CH<sub>2</sub>)<sub>2</sub>-;  $Z_1$ ,  $Z_2$ ,  $Z_3$ , and  $Z_4$  are each independently hydrogen, halogen,  $C_{\mathbf{I}=5}$  alkyl,  $C_{1=1}$ 5 alkyl substituted by halogen, C<sub>1-5</sub> alkyl substituted by hydroxy, C<sub>1-5</sub> alkyl substituted by carbocyclic aryl, C<sub>1-5</sub> alkyl substituted by halogemated carbocyclic aryl, C<sub>1-5</sub> alkyl substituted by heterocyclyl, C<sub>1-5</sub> alkyl substituted by halogenated heterocyclyl, C<sub>2-5</sub> alkenyl, C<sub>2-5</sub> alkynyl, C<sub>3-6</sub> cycloalkyl, C<sub>1-5</sub> alkoxy, C<sub>1-5</sub> alkoxy substituted by halogen, momo-C<sub>1-5</sub> alkyl amino, di-C<sub>1-5</sub> alkyl amino, C<sub>1-5</sub> alkylthio, carbocyclic ary 1, substituted carbocyclic aryl, heterocyclyl, or substituted heterocyclyl; or  $R_2$  and  $Z_2$  are bonded to each other to form a ring and  $-R_2-Z_2$  is  $-(CH_2)n$ or -(CH<sub>2</sub>)o-CH=CH-(CH<sub>2</sub>)p-; wherein one -CH<sub>2</sub>- group of -R<sub>2</sub>- $\mathbb{Z}_2$ - can optionally be replaced by C(O), NR<sub>6</sub>, O, S, S(O), or S(O)<sub>2</sub>; whe rein n is 2, 3, 4, 5, or 6; o and p are each independently 0, 1, 2, 3, or 4 prov ided that o+p=0, 1, 2, 3, or 4; and  $R_6$  is hydrogen,  $C_{1-5}$  alkyl, or substituted  $C_{1-5}$ alkyl;

and

Y represents:

- (i) -C(O)NR<sub>5</sub>-, -C(S)NR<sub>5</sub>-, -C(O)O-, -S(O)<sub>2</sub>-, -C(O)-, -C(S)-, or (CH<sub>2</sub>)<sub>m</sub>- when L is selected from the group consisting of Formulae
  (III), (IIIa), and (IIIb); or
- (ii) -C(O)NR<sub>5</sub>-, -C(S)NR<sub>5</sub>-, -C(O)O-, or -OC(O)- when L is selected from the group consisting of Formulae (IV), (IVa), and (IVb); wherein R<sub>5</sub> is hydrogen or C<sub>1-5</sub> alkyl; and m is 0, 1, 2, 3, 4, or 55

wherein carbocyclic aryl is phenyl, naphthyl, anthranyl, phenanthryl, or biphenyl;

carbocyclyl is 10,11-dihydro-5-oxo-dibenzo[a,d]cycloh eptyl, 1-

oxo-indanyl, 7,7-dimethyl-2-oxo-bicyclo[2.2.1]heptyl, 9*H*-fluorenyl, 9-oxo-fluorenyl, acenaphthyl, anthraquinonyl, *C*-fluoren-9-ylidene, indanyl, indenyl, menthyl, 1,2,3,4-tetrahydro-naphthyl, or bicyclo[2.2.1]heptenyl;

heterocyclyl is 1,2,3,4-tetrahydro-isoquinolyl, 1,2,3-thiadiazolyl, 1,2,3-triazolyl, 1,2-dihydro-3-oxo-pyrazolyl, 1,3,4-thiadiazolyl, 1,3-dioxoisoindolyl, 1,3-dioxolanyl, 1H-indolyl, 1H-pyrrolo[2,3-c]pyridyl, 1Hpyrrolyl, 1-oxo-3*H*-isobenzofuranyl, 2,2',5',2"-terthiophenyl, 2,2'bithiophenyl, 2,3-dihydro-1-oxo-isoindolyl, 2,3-dihydrobenzo[1,4]dioxinyl, 2,3-dihydro-benzofuryl, 2,4-dihydro-3-oxo-pyrazolyl, 2H-benzopyranyl, 2-oxo-benzopyranyl, 2-oxo-pyrrolidinyl, 3,4-dihydro-2H-benzo[1,4]oxazinyl, 3,4-dihydro-2H-benzo[b][1,4]dioxepinyl, 4Hbenzo[1,3]dioxinyl, 4H-benzopyranyl, 4-oxo-1,5,6,7-tetrahydro-indolyl, 4oxo-3,4-dihydro-phthalazinyl, 4-oxo-benzopyranyl, 9,10,10-trioxothioxanthenyl, 9H-carbazolyl, 9H-xanthenyl, azetidinyl, benzimidazolyl, benzo[1,3]dioxolyl, benzo[2,1,3]oxadiazolyl, benzo[1,2,5]oxadiazolyl, benzo[b]thienyl, benzofuryl, benzothiazolyl, cinnolyl, furyl, imidazo[2,1b]thiazolyl, imidazolyl, isoxazolyl, morpholino, morpholinyl, oxazolyl, oxolanyl, piperazyl, piperidyl, piridyl, pyrazolo[5,1-b]thiazolyl, pyrazolyl, pyrazinyl, pyridyl, pyrimidyl, pyrrolidyl, quinolyl, quinoxalyl, thiazolidyl, thiazolyl, thienyl, thiolanyl, 2,3-dihydro-benzofuryl, tetrahydro-thienyl, or benzofuranyl;

halogen is fluoro, chloro, bromo, or iodo; or a pharmaceutically acceptable salt, hydrate, or solvate thereof.

- The compound according to claim 1 wherein Q is Formula (IIa);
  Z<sub>1</sub> is hydrogen, halogen, C<sub>1-5</sub> alkyl, C<sub>1-5</sub> alkyl substituted by halogen, C<sub>3-6</sub>
  cycloalkyl, C<sub>1-5</sub> alkoxy, C<sub>1-5</sub> alkoxy substituted by halogen, or C<sub>1-5</sub> alkylthio; or a pharmaceutically acceptable salt, hydrate, or solvate thereof.
- 3. The compound according to claim 2 wherein  $R_1$  is selected from the group

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## consisting of:

(i)  $C_{1-10}$  alkyl, and

 $C_{1-10}$  alkyl substituted by substituent(s) independently selected from the group consisting of:

- ·halogen,
- •oxo,
- •C<sub>1-5</sub> alkoxy,
- •C<sub>1-5</sub> alkoxy substituted by carbocyclic aryl,
- •C<sub>1-5</sub> alkylcarbonyloxy,
- •C<sub>1-5</sub> alkoxycarbonyl,
- •C<sub>1-5</sub> alkoxycarbonyl substituted by carbocyclic aryl,
- •carbocyclic aryloxy, and
- •carbocyclic aryloxy substituted by substituent(s) independently selected from the group consisting of:
  - ••halogen,
  - ••nitro,
  - ••C<sub>1-5</sub> alkyl, and
  - . ••C<sub>1-5</sub> alkyl substituted by oxo,
- •heterocyclyloxy,
- •heterocyclyloxy substituted by C<sub>1-5</sub> alkyl,
- •mono-carbocyclic arylamino,
- •di-carbocyclic arylamino,
- •carbocyclic arylsulfonylamino,
- •carbocyclic arylsulfonylamino substituted by C<sub>1-5</sub> alkyl,
- •C<sub>1-5</sub> alkylthio,
- ${}^{\bullet}C_{1-5}$  alkylthio substituted by carbocyclic aryl,
- •carbocyclic arylthio,
- •carbocyclic arylthio substituted by halogen,

- •carbocyclic arylthio substituted by C<sub>1-5</sub> alkyl,
- •carbocyclic arylsulfonyl,
- •carbocyclic arylsulfonyl substituted by halogen,
- ·heterocyclylthio,
- •heterocyclylthio substituted by C<sub>1-5</sub> alkyl,
- •C<sub>3-6</sub> cycloalkyl,
- •C<sub>3-6</sub> cycloalkenyl,
- ·carbocyclyl,
- •carbocyclyl substituted by C<sub>1-5</sub> alkoxy,
- •carbocyclic aryl, and
- •carbocyclic aryl substituted by substituent(s) independently selected from the group consisting of:
  - ••halogen,
  - ••nitro,
  - ••C<sub>1-5</sub> alkyl, and
  - ••C<sub>1-5</sub> alkyl substituted by substituent(s) independently selected from the group consisting of:
    - •••halogen,
    - •••carbocyclic aryl, and
    - •••heterocyclyl,
  - •• $C_{1-5}$  alkoxy,
  - ••C<sub>1-5</sub> alkoxy substituted by halogen,
  - ••C<sub>1-5</sub> alkoxy substituted by carbocyclic aryl,
  - ••carbocyclic aryloxy,
  - ••mono-carbocyclic arylaminocarbonyl, and
  - ••mono-carbocyclic arylaminocarbonyl substituted by substituent(s) selected from the group consisting of:
    - •••halogen,

- •••C<sub>1-5</sub> alkyl,
- •••C<sub>1-5</sub> alkoxy, and
- •••C<sub>1-5</sub> alkoxy substituted by halogen,
- ••di-carbocyclic arylaminocarbonyl, and
- ••di-carbocyclic arylaminocarbonyl substituted by substituent(s) selected from the group consisting of:
  - •••halogen,
  - ••• $C_{1-5}$  alkyl,
  - •••C<sub>1-5</sub> alkoxy, and
  - •••C<sub>1-5</sub> alkoxy substituted by halogen,
- ••C<sub>1-5</sub> alkylthio,
- ••C<sub>1-5</sub> alkylthio substituted by halogen,
- ••C<sub>1-5</sub> alkylsulfonyl,
- ··carbocyclic aryl, and
- ••heterocyclyl,
- •heterocyclyl, and
- •heterocyclyl substituted by substituent(s) independently selected from the group consisting of:
  - ••C<sub>1-5</sub> alkyl,
  - ••C<sub>1-5</sub> alkoxy,
  - ••C<sub>1-5</sub> alkoxy substituted by carbocyclic aryl,
  - ••carbocyclic aryl, and
  - ••carbocyclic aryl substituted by halogen,
- (ii)  $C_{2-5}$  alkenyl, and
  - C<sub>2-5</sub> alkenyl substituted by substituent(s) independently selected from the group consisting of:
  - •carbocyclic aryl, and
  - •carbocyclic aryl substituted by substituent(s) independently

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selected from the group consisting of:

- ••nitro,
- ••halogen,
- ••C<sub>1-5</sub> alkyl,
- ••C<sub>1-5</sub> alkyl substituted by halogen,
- ••C<sub>1-5</sub> alkoxy, and
- ••C<sub>1-5</sub> alkoxy substituted by halogen,
- (iii) C<sub>3-6</sub> cycloalkyl, and

C<sub>3-6</sub> cycloalkyl substituted by substituent(s) independently selected from the group consisting of:

- •C<sub>1-5</sub> alkyl,
- •C<sub>1-5</sub> alkyl substituted by carbocyclic aryl,
- •carbocyclic arylcarbonylamino, and
- •carbocyclic aryl,
- (iv) carbocyclyl, and carbocyclyl substituted by nitro,
- (v) carbocyclic aryl, andcarbocyclic aryl substituted by substituent(s) independentlyselected from the group consisting of:
  - •halogen,
  - •cyano,
  - •nitro,
  - •C<sub>1-9</sub> alkyl, and
  - •C<sub>1-9</sub> alkyl substituted by substituent(s) independently selected from the group consisting of:
    - ••halogen,
    - ••oxo,
    - ••mono-carbocyclic arylaminocarbonyl,

- ••di-carbocyclic arylaminocarbonyl,
- ••mono-carbocyclic arylaminocarbonyl substituted by C<sub>1-5</sub> alkoxy,
- ••di-carbocyclic arylaminocarbonyl substituted by C<sub>1-5</sub> alkoxy,
- ••carbocyclic aryloxy,
- ••carbocyclic aryl, and
- ••carbocyclic aryl substituted by substituent(s) independently selected from the group consisting of:
  - •••halogen,
  - •••C<sub>1-5</sub> alkyl, and
  - •••C<sub>1-5</sub> alkyl substituted by halogen,
- ··heterocyclyl, and
- ••heterocyclyl substituted by C<sub>1-5</sub> alkyl,
- •C<sub>2-5</sub> alkenyl,
- •C<sub>1-7</sub> alkoxy,
- •C<sub>1-7</sub> alkoxy substituted by halogen,
- •C<sub>1-7</sub> alkoxy substituted by carbocyclic aryl,
- •C<sub>3-6</sub> cycloalkoxy,
- •carbocyclic aryloxy, and
- •carbocyclic aryloxy substituted by substituent(s) independently selected from the group consisting of:
  - ••halogen,
  - ••nitro, and
  - ••C<sub>1-5</sub> alkoxy
- •heterocyclyloxy, and
- •heterocyclyloxy substituted by substituent(s) independently selected from the group consisting of:

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- ••halogen,
- ••C<sub>1-5</sub> alkyl, and
- ••C<sub>1-5</sub> alkyl substituted by halogen,
- •C<sub>1-5</sub> alkoxycarbonyl,
- •mono-C<sub>1-5</sub> alkylaminocarbonyl,
- •di-C<sub>1-5</sub> alkylaminocarbonyl,
- •mono-C<sub>1-5</sub> alkylaminocarbonyl substituted by carbocyclic aryl,
- •di-C<sub>1-5</sub> alkylaminocarbonyl substituted by carbocyclic aryl,
- •mono-carbocyclic arylaminocarbonyl,
- •di-carbocyclic arylaminocarbonyl,
- •mono-carbocyclic arylaminocarbonyl substituted by C<sub>1-5</sub> alkyl,
- •di-carbocyclic arylaminocarbonyl substituted by C<sub>1-5</sub> alkyl,
- •mono-C<sub>1-5</sub> alkylamino,
- •di-C<sub>1-5</sub> alkylamino,
- •C<sub>1-5</sub> alkylthio,
- •C<sub>1-5</sub> alkylthio substituted by halogen,
- •C<sub>1-5</sub> alkylsulfonyl,
- •carbocyclic aryl, and
- •carbocyclic aryl substituted by substituent(s) independently selected from the group consisting of:
  - ••C<sub>1-7</sub> alkyl, and
  - ••C<sub>1-7</sub> alkyl substituted by halogen,
- (vi) heterocyclyl, and

heterocyclyl substituted by substituent(s) independently selected from the group consisting of:

- •halogen,
- •C<sub>1-5</sub> alkyl, and
- •C<sub>1-5</sub> alkyl substituted by substituent(s) independently selected

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from the group consisting of:

- ••halogen,
- ••oxo,
- ••carbocyclic aryl,
- ••carbocyclic aryl substituted by halogen,
- ••heterocyclyl, and
- ••heterocyclyl substituted by substituent(s) independently selected from the group consisting of:
  - •••halogen,
  - •••C<sub>1-5</sub> alkyl, and
  - •••C<sub>1-5</sub> alkyl substituted by halogen,
- •C<sub>1-5</sub> alkoxy,
- •C<sub>1-5</sub> alkylthio,
- •carbocyclic arylthio,
- •C<sub>1-5</sub> alkylsulfonyl,
- •carbocyclic arylsulfonyl,
- •carbocyclic arylsulfonyl substituted by halogen,
- •carbocyclic arylsulfonyl substituted by C<sub>1-5</sub> alkyl,
- •C<sub>1-5</sub> alkoxycarbonyl,
- •carbocyclic aryl, and
- •carbocyclic aryl substituted by substituent(s) independently selected from the group consisting of:
  - ••halogen,
  - ••nitro, and
  - ••C<sub>1-5</sub> alkyl,
- •heterocyclyl, and
- •heterocyclyl substituted by substituent(s) independently selected from the group consisting of:

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- ••halogen,
- ••C<sub>1-5</sub> alkyl, and
- ••C<sub>1-5</sub> alkyl substituted by halogen;

wherein carbocyclic aryl is phenyl, naphthyl, or anthranyl; carbocyclyl is 1-oxo-indanyl, 9H-fluorenyl, 9-oxo-fluorenyl, anthraquinonyl, C-fluoren-9-ylidene, indanyl, or menthyl;

heterocyclyl is 1,2,3,4-tetrahydro-isoquinolyl, 1,2,3-thiadiazolyl, 1,2,3-triazolyl, 1,3-dioxo-isoindolyl, 1*H*-indolyl, 1*H*-pyrrolyl, 2,3-dihydro-1-oxo-isoindolyl, 2,3-dihydro-benzo[1,4]dioxinyl, 2*H*-benzopyranyl, 2-oxo-benzopyranyl, 2-oxo-pyrrolidinyl, 4-oxo-benzopyranyl, 9*H*-xanthenyl, benzo[1,3]dioxolyl, benzo[2,1,3]oxadiazolyl, benzo[1,2,5]oxadiazolyl, benzo[b]thienyl, furyl, isoxazolyl, morpholinyl, oxazolyl, pyriazolyl, pyridyl, pyrimidyl, pyrrolidyl, quinolyl, quinoxalyl, thiazolyl, thienyl, imidazolyl, or piperazyl;

halogen is fluoro, chloro, bromo, or iodo; or a pharmaceutically acceptable salt, hydrate, or solvate thereof.

4. The compound according to claim 3 wherein:

 $R_2$  is halogen,  $C_{1-5}$  alkyl,  $C_{1-5}$  alkoxy,  $-N(R_{2a})(R_{2b})$ , or heterocyclyl; wherein  $R_{2a}$  and  $R_{2b}$  are each independently hydrogen,  $C_{1-5}$  alkyl,  $C_{1-5}$  alkyl substituted by hydroxy,  $C_{1-5}$  alkyl substituted by carbocyclic aryl,  $C_{1-5}$  alkyl substituted by heterocyclyl,  $C_{3-6}$  cycloalkyl, or carbocyclic aryl;

L is selected from the group consisting of Formulae (IIIa) and (IVa); wherein R<sub>3</sub> and R<sub>4</sub> are each independently hydrogen or C<sub>1-5</sub> alkyl; and A and B are each independently a single bond, -CH<sub>2</sub>-, or -(CH<sub>2</sub>)<sub>2</sub>-;

 $Z_1$  is hydrogen, halogen,  $C_{1-5}$  alkyl,  $C_{1-5}$  alkyl substituted by halogen,  $C_{1-5}$ 

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alkoxy, or  $C_{1-5}$  alkylthio;  $Z_2$  is hydrogen, halogen, or  $C_{1-5}$  alkyl; or  $R_2$  and  $Z_2$  are bonded to each other to form a ring and  $-R_2$ - $Z_2$ - is  $-NR_6$ -CH=CH-; wherein  $R_6$  is hydrogen or  $C_{1-5}$  alkyl; and

# Y represents:

- (i) -C(O)NR<sub>5</sub>-, -C(S)NR<sub>5</sub>-, -C(O)O-, -S(O)<sub>2</sub>-, -C(O)-, or -(CH<sub>2</sub>)<sub>m</sub>-when L is selected from the group consisting of Formula (IIIa); or (ii) -C(O)NR<sub>5</sub>- or -C(O)O- when L is selected from the group
- consisting of Formula (IVa);

wherein  $R_5$  is hydrogen or  $C_{1-5}$  alkyl; and m is 0, 1, or 2; or a pharmaceutically acceptable salt, hydrate, or solvate thereof.

- 5. The compound according to claim 4 wherein R<sub>1</sub> is selected from the group consisting of:
  - (i)  $C_{1-5}$  alkyl substituted by substituent(s) independly selected from the group consisting of:
    - •hydroxy,
    - •carbocyclic aryl,
    - •carbocyclic aryl substituted by halogen, and
    - $\cdot C_{1-5}$  alkylthio,
  - (ii) C<sub>3-6</sub> cycloalkyl, and
  - (iii) carbocyclic aryl, andcarbocyclic aryl substituted by substituent(s) independly selectedfrom the group consisting of:
    - •halogen,
    - •nitro,
    - •cyano,
    - •C<sub>1-5</sub> alkyl,
    - •C<sub>1-5</sub> alkyl substituted by halogen,

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- •C<sub>1-5</sub> alkoxy,
- •C<sub>1-5</sub> alkoxy substituted by halogen,
- •C<sub>1-5</sub> alkoxy substituted by carbocyclic aryl,
- •carbocyclic aryloxy, and
- •carbocyclic aryloxy substituted by C<sub>1-5</sub> alkoxy,
- (iv) heterocyclyl, and heterocyclyl substituted by substituent(s) independly selected from
  - ·halogen,
  - •C<sub>1-5</sub> alkyl,
  - •carbocyclic aryl, and

the group consisting of:

•carbocyclic aryl substituted by halogen;

 $R_2$  is  $-N(R_{2a})(R_{2b})$  or heterocyclyl; wherein  $R_{2a}$  and  $R_{2b}$  are each independently hydrogen or  $C_{1-5}$  alkyl;

 $Z_1$  is hydrogen,  $C_{1-5}$  alkyl, or  $C_{1-5}$  alkylthio;  $Z_2$  is hydrogen or  $C_{1-5}$  alkyl; or  $R_2$  and  $Z_2$  are bonded to each other to form a ring and  $-R_2-Z_2-$  is  $-NR_6-$  CH=CH-; wherein  $R_6$  is hydrogen or  $C_{1-5}$  alkyl;

L is Formula (IIIa) or (IVa), wherein R<sub>3</sub> and R<sub>4</sub> are hydrogen, A is a single bond and B is a single bond or -CH<sub>2</sub>-;

and

Y represents:

- (i) -C(O)NH-, -C(S)NH, -C(O)-, or -CH<sub>2</sub>- when L is selected from the group consisting of Formula (IIIa); or
- (ii) -C(O)NH- when L is selected from the group consisting of Formula (IVa);

wherein carbocyclic aryl is phenyl or naphthyl;

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heterocyclyl is furyl, 1H-indolyl, morpholinyl, oxazolyl, piperidyl, pyridyl, pyrrolidyl, or 9H-xanthenyl;

halogen is fluoro, chloro, or bromo;

or a pharmaceutically acceptable salt, hydrate, or solvate thereof.

- 6. The compound according to claim 5 wherein  $R_1$  is selected from the group consisting of:
  - (i) carbocyclic aryl, andcarbocyclic aryl substituted by substituent(s) independly selectedfrom the group consisting of:
    - ·halogen,
    - •C<sub>1-5</sub> alkyl,
    - •C<sub>1-5</sub> alkyl substituted by halogen,
    - ${}^{ullet}C_{1-5}$  alkoxy, and
    - •C<sub>1-5</sub> alkoxy substituted by halogen,
  - (ii) heterocyclyl, and heterocyclyl substituted by halogen;

and

 $Z_1$  is hydrogen,  $C_{1-5}$  alkyl, or  $C_{1-5}$  alkylthio;  $Z_2$  is hydrogen or  $C_{1-5}$  alkyl;

wherein carbocyclic aryl is phenyl;

heterocyclyl is furyl, pyridyl, or pyrrolidyl;

halogen is fluoro, chloro, or bromo;

or a pharmaceutically acceptable salt, hydrate, or solvate thereof.

7. The compound according to claim 1 selected from the group consisting of:

N-(cis-4-{[6-(dimethylamino)pyrimidin-4-yl]amino}cyclohexyl)-3,4-difluorobenzamide;

N-(cis-4-{[6-(dimethylamino)-2-methylpyrimidin-4-yl]amino}cyclohexyl)-4-fluorobenzamide;

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4-chloro-*N*-(*cis*-4-{[6-(dimethylamino)-2-methylpyrimidin-4-yl]amino}cyclohexyl)-3-fluorobenzamide;

N-(cis-4-{[6-(dimethylamino)-2-methylpyrimidin-4-

yl]amino}cyclohexyl)-3,5-difluorobenzamide;

3-chloro-*N*-(*cis*-4-{[6-(dimethylamino)-2-methylpyrimidin-4-yl]amino}cyclohexyl)-4-(trifluoromethoxy)benzamide;

3-chloro-4-fluoro-*N*-(*cis*-4-{[2-methyl-6-(methylamino)pyrimidin-4-yl]amino}cyclohexyl)benzamide;

*N*-(*cis*-4-{[6-(dimethylamino)-2-methylpyrimidin-4-yl]amino}cyclohexyl)-3-fluorobenzamide;

4-chloro-*N*-(*cis*-4-{[6-(dimethylamino)-2-methylpyrimidin-4-yl]amino}cyclohexyl)benzamide;

N-(cis-4-{[6-(dimethylamino)-2-methylpyrimidin-4-yl]amino}cyclohexyl)-3-fluoro-5-(trifluoromethyl)benzamide;

N-(cis-4-{[6-(dimethylamino)-2-methylpyrimidin-4-yl]amino}cyclohexyl)-3,5-bis(trifluoromethyl)benzamide;

3-chloro-4-fluoro-*N*-{*cis*-4-[(2-methyl-6-piperidin-1-ylpyrimidin-4-yl)amino]cyclohexyl}benzamide;

 $3-chloro-4-fluoro-N-\{cis-4-[(2-methyl-6-morpholin-4-ylpyrimidin-4-yl)amino]cyclohexyl\} benzamide;$ 

3-chloro-4-fluoro-*N*-{*cis*-4-[(7-methyl-7*H*-pyrrolo[2,3-d]pyrimidin-4-yl)amino]cyclohexyl}benzamide;

3,4,5-trifluoro-*N*-{*cis*-4-[(7-methyl-7*H*-pyrrolo[2,3-d]pyrimidin-4-yl)amino]cyclohexyl}benzamide;

3,4,5-trifluoro-*N*-(*cis*-4-{[2-methyl-6-(methylamino)pyrimidin-4-yl]amino}cyclohexyl)benzamide;

cis-N-(3,4-difluorophenyl)-4-{[6-(dimethylamino)-2-methylpyrimidin-4-yl]amino}cyclohexanecarboxamide;

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1-(4-chlorophenyl)-*N*-(*cis*-4-{[6-(dimethylamino)-2-methylpyrimidin-4-yl]amino}cyclohexyl)cyclopentanecarboxamide;

3-(2-chloro-6-fluorophenyl)-N-(cis-4-{[6-(dimethylamino)-2-

methylpyrimidin-4-yl]amino}cyclohexyl)-5-methylisoxazole-4-carboxamide;

N-(cis-4-{[6-(dimethylamino)-2-methylpyrimidin-4-

yl]amino}cyclohexyl)-2-(4-methoxyphenoxy)-5-nitrobenzamide;

N-(cis-4-{[6-(dimethylamino)-2-methylpyrimidin-4-

yl]amino}cyclohexyl)-5-iodo-2-furamide;

N-(cis-4-{[6-(dimethylamino)-2-methylpyrimidin-4-

yl]amino}cyclohexyl)-2-(ethylthio)-2,2-diphenylacetamide;

N-(cis-4-{[6-(dimethylamino)-2-methylpyrimidin-4-

yl]amino}cyclohexyl)-9H-xanthene-9-carboxamide;

N-(cis-4-{[6-(dimethylamino)-2-methylpyrimidin-4-

yl]amino}cyclohexyl)-N'-[1-(1-naphthyl)ethyl]urea;

N-(cis-4-{[6-(dimethylamino)-2-methylpyrimidin-4-

yllamino\cyclohexyl)-N'-(3,4,5-trimethoxyphenyl)urea;

N-(5-chloro-2,4-dimethoxyphenyl)-N-(cis-4-{[6-(dimethylamino)-2-methylpyrimidin-4-yl]amino}cyclohexyl)urea;

N-(cis-4-{[6-(dimethylamino)-2-methylpyrimidin-4-

yl]amino}cyclohexyl)-N'-(2,4,6-tribromophenyl)urea;

N-(cis-4-{[6-(dimethylamino)-2-methylpyrimidin-4-

yl]amino}cyclohexyl)-N'-mesitylthiourea;

N-(2,6-diethylphenyl)-N-(cis-4-{[6-(dimethylamino)-2-methylpyrimidin-4-yl]amino}cyclohexyl)thiourea;

N-(2,4-dichloro-6-methylphenyl)-N'-(cis-4-{[6-(dimethylamino)-2-

methylpyrimidin-4-yl]amino}cyclohexyl)thiourea;

N-(5-chloro-2,4-dimethoxyphenyl)-N'-(cis-4-{[6-(dimethylamino)-2-methylpyrimidin-4-yl]amino}cyclohexyl)thiourea;

N-[4-bromo-2-(trifluoromethyl)phenyl]-N-(cis-4-{[6-(dimethylamino)-2-methylpyrimidin-4-yl]amino}cyclohexyl)thiourea;

N-(cis-4-{[6-(dimethylamino)-2-methylpyrimidin-4-yl]amino}cyclohexyl)-3-nitrobenzamide;

N-[cis-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-3,4-diethoxy-benzamide;

*N*-[*cis*-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-3-ethoxy-benzamide;

N-[cis-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-3,5-diethoxy-benzamide;

N-[cis-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-3-isopropoxy-benzamide;

3-bromo-*N*-[*cis*-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-4-fluoro-benzamide;

4-difluoromethoxy-*N*-[*cis*-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-benzamide;

4-chloro-*N*-[*cis*-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-3-methyl-benzamide;

3-difluoromethoxy-*N*-[*cis*-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-benzamide;

3-chloro-*N*-[*cis*-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-4-methyl-benzamide;

4-bromo-*N*-[*cis*-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-benzamide;

N-[cis-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-3,5-dimethoxy-benzamide;

4-cyano-*N*-[*cis*-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-benzamide;

N-[cis-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-4-methoxy-benzamide;

3-cyano-*N*-[*cis*-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-benzamide;

N-[cis-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-3-methoxy-benzamide;

N-[cis-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-4-fluoro-3-methyl-benzamide;

4-bromo-*N*-[*cis*-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-3-methyl-benzamide;

N-[cis-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-3-fluoro-4-methyl-benzamide;

*N*-[*cis*-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-3-ethyl-benzamide;

3-bromo-*N*-[*cis*-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-benzamide;

N-[cis-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-3-fluoro-4-trifluoromethyl-benzamide;

N-[cis-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-4-trifluoromethoxy-benzamide;

N-[cis-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-4-methyl-benzamide;

N-[cis-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-3-methyl-benzamide;

N-[cis-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-4-trifluoromethyl-benzamide;

2,2-difluoro-benzo[1,3]dioxole-5-carboxylic acid[*cis*-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-amide;

N-{cis-4-[(1H-indol-2-ylmethyl)-am ino]-cyclohexyl}-2,N',N'-trimethyl-pyrimidine-4,6-diamine;

2,*N*,*N*-trimethyl-*N*'-[*cis*-4-(3-trifluoromethoxy-benzylamino)-cyclohexyl]-pyrimidine-4,6-diamine;

*N*-[*cis*-4-(3,4-difluoro-benzylamino)-cyclohexyl]-2,*N*',*N*'-trimethyl-pyrimidine-4,6-diamine;

1-(3,4-dimethoxy-phenyl)-3-[cis-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-urea;

1-[cis-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-3-(2-ethoxy-phenyl)-urea;

1-(4-benzyloxy-phenyl)-3-[cis-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-urea;

3,5-dibromo-*N*-[*cis*-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-benzamide;

3-bromo-4-chloro-*N*-[*cis*-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-benzamide;

4-chloro-*N*-[*cis*-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-3-trifluoromethyl-benzamide;

2-(3,5-bis-trifluoromethyl-phenyl)-*N*-[*cis*-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-2-hydroxy-acetamide;

N-[cis-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexylmethyl]-3-fluoro-4-trifluoromethyl-benzamide;

N-[cis-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexylmethyl]-3-trifluoromethoxy-benzamide;

N-[cis-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexylmethyl]-3-methoxy-benzamide;

4-chloro-*N*-[*cis*-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexylmethyl]-benzamide;

N-[cis-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexylmethyl]-3-trifluoromethyl-benzamide;

N-[cis-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexylmethyl]-4-trifluoromethyl-benzamide;

N-[cis-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexylmethyl]-3-methyl-benzamide;

N-[cis-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexylmethyl]-3,5-difluoro-benzamide;

N-[cis-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexylmethyl]-3-ethyl-benzamide;

2,2-difluoro-benzo[1,3]dioxole-5-carboxylic acid [cis-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexylmethyl]-amide;

N-[cis-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexylmethyl]-3-fluoro-4-methyl-benzamide;

*N*-[*cis*-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexylmethyl]-4-fluoro-benzamide;

3,4-dichloro-*N*-[*cis*-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexylmethyl]-benzamide;

4-bromo-*N*-[*cis*-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexylmethyl]-benzamide;

N-[cis-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexylmethyl]-3,4-difluoro-benzamide;

3,5-dichloro-*N*-[*cis*-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexylmethyl]-benzamide;

3-chloro-*N*-[*cis*-4-(6-dimethy lamino-2-methyl-pyrimidin-4-ylamino)-cyclohexylmethyl]-4-fluoro-benzamide;

N-[cis-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexylmethyl]-4-fluoro-3-methyl-benzamide; and

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3-chloro-*N*-[*cis*-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexylmethyl]-benzamide;

or a pharmaceutically acceptable salt, hydrate, or solvate thereof.

8. The compound according to claim 1 selected from the group consisting of:

N-(cis-4-{[6-(dimethylamino)-2-methylpyrimidin-4-

yllamino}cyclohexyl)-3,4-difluorobenzamide:

N-(cis-4-{[6-(dimethylamino)-2-ethylpyrimidin-4-yl]amino}cyclohexyl)-3,4-difluorobenzamide;

3-chloro-*N*-(*cis*-4-{[6-(dimethylamino)-2-methylpyrimidin-4-yl]amino}cyclohexyl)-4-fluorobenzamide;

3,4-dichloro-*N*-(*cis*-4-{[6-(dimethylamino)-2-methylpyrimidin-4-yl]amino}cyclohexyl)benzamide;

3-chloro-*N*-(*cis*-4-{[6-(dimethylamino)-2-methylpyrimidin-4-yl]amino}cyclohexyl)-5-fluorobenzamide;

N-(cis-4-{[6-(dimethylamino)-2-methylpyrimidin-4-

yl]amino}cyclohexyl)-3,4,5-trifluorobenzamide;

5-bromo-*N*-(*cis*-4-{[6-(dimethylamino)-2-methylpyrimidin-4-yl]amino}cyclohexyl)nicotin amide;

N-(cis-4-{[6-(dimethylamino)-2-methylpyrimidin-4-

yl]amino}cyclohexyl)-4-fluoro-3-(trifluoromethyl)benzamide;

N-(cis-4-{[6-(dimethylamino)-2-methylpyrimidin-4-

yl]amino}cyclohexyl)-3-(trif1uoromethyl)benzamide;

N-(cis-4-{[6-(dimethylamino)-2-methylpyrimidin-4-

yl]amino}cyclohexyl)-3-(trif1uoromethoxy)benzamide;

3,5-dichloro-*N*-(*cis*-4-{[6-(dimethylamino)-2-methylpyrimidin-4-yl]amino}cyclohexyl)benzamide;

3-chloro-*N*-(*cis*-4-{[6-(dimethylamino)-2-methylpyrimidin-4-yl]amino}cyclohexyl)benzamide;

3-chloro-4-fluoro-*N*-{*cis*-4-[(2-methyl-6-pyrrolidin-1-ylpyrimidin-4-yl)amino]cyclohexyl}benzamide;

N-(cis-4-{[6-(dimethylamino)-2-ethylpyrimidin-4-yl]amino}cyclohexyl)-3,4,5-trifluorobenzamide;

cis-N-(3-chloro-4-fluorophenyl)-4-{[6-(dimethylamino)-2-methylpyrimidin-4-yl]amino}cyclohexanecarboxamide:

N-(cis-4-{[2-benzyl-6-(dimethylamino)pyrimidin-4-

yl]amino}cyclohexyl)-3-chloro-4-fluorobenzamide;

cis-4-{[6-(dimethylamino)-2-methylpyrimidin-4-yl]amino}-N-(3,4,5-trifluorophenyl)cyclohexanecarboxamide;

N-(4-bromo-2,6-dimethylphenyl)-N-(cis-4-{[6-(dimethylamino)-2-methylpyrimidin-4-yl]amino}cyclohexyl)urea;

N-(4-bromo-2,6-dimethylphenyl)-N-(cis-4-{[6-(dimethylamino)-2-methylpyrimidin-4-yl]amino}cyclohexyl)thiourea;

N-(cis-4-{[6-(dimethylamino)-2-methylpyrimidin-4-yl]amino}cyclohexyl)-N'-(3,4,5-trimethoxyphenyl)thiourea;

N-(cis-4-{[6-(dimethylamino)-2-methylpyrimidin-4-yl]amino}cyclohexyl)-N'-(2,4,6-tribromophenyl)thiourea;

5-bromo-furan-2-carboxylic acid [cis-4-(6-dimethylamino-2-methyl-pyrimidin-4- ylamino)-cyclohexyl]-amide;

N-[cis-4-(3,5-dimethoxy-benzylamino)-cyclohexyl]-2,N',N'-trimethyl-pyrimidine-4,6-diamine;

N-[cis-4-(3-bromo-benzylamino)-cyclohexyl]-2,N',N'-trimethyl-pyrimidine-4,6-diamine;

1-[cis-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexyl]-3-(3-methoxy- phenyl)-urea;

1-(3,5-difluoro-phenyl)-3-[cis-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)- cyclohexyl]-urea;

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N-[cis-4-(6-dimethylamino-2-methylsulfanyl-pyrimidin-4-ylamino)-cyclohexyl]-3,4-difluoro-benzamide;

*N*-[*cis*-4-(6-dimethylamino-5-methyl-pyrimidin-4-ylamino)-cyclohexyl]-3,4-difluoro-benzamide;

N-[cis-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexylmethyl]-3,5-bis-trifluoromethyl-benzamide; and

*N*-[*cis*-4-(6-dimethylamino-2-methyl-pyrimidin-4-ylamino)-cyclohexylmethyl]-4-trifluoromethoxy-benzamide;

or a pharmaceutically acceptable salt, hydrate, or solvate thereof.

9. The compound according to claim 2 wherein:

R<sub>1</sub> represents:

- (i) hydrogen, -CO<sub>2</sub>'Bu, or -CO<sub>2</sub>Bn (Bn is a benzyl group) when L is selected from the group consisting of Formulae (III), (IIIa), and (IIIb); or
- (ii) hydrogen, C<sub>1-5</sub> alkyl, substituted C<sub>1-5</sub> alkyl, Bn, or substituted Bn when L is selected from the group consisting of Formulae (IV),
   (IVa), and (IVb);

wherein R<sub>3</sub> and R<sub>4</sub> are each independently hydrogen or C<sub>1-5</sub> alkyl; and A and B are each independently a single bond, -CH<sub>2</sub>-, or -(CH<sub>2</sub>)<sub>2</sub>-; R<sub>2</sub> is halogen, C<sub>1-5</sub> alkyl, C<sub>1-5</sub> alkoxy, -N(R<sub>2a</sub>)(R<sub>2b</sub>), or heterocyclyl; wherein R<sub>2a</sub> and R<sub>2b</sub> are each independently hydrogen, C<sub>1-5</sub> alkyl, C<sub>1-5</sub> alkyl substituted by hydroxy, C<sub>1-5</sub> alkyl substituted by carbocyclic aryl, C<sub>1-5</sub> alkyl substituted by heterocyclyl, C<sub>3-6</sub> cycloalkyl, or carbocyclic aryl; Z<sub>1</sub> is hydrogen, halogen, C<sub>1-5</sub> alkyl, C<sub>1-5</sub> alkyl substituted by halogen, C<sub>1-5</sub> alkoxy, or C<sub>1-5</sub> alkylthio; Z<sub>2</sub> is hydrogen, halogen, or C<sub>1-5</sub> alkyl; or R<sub>2</sub> and Z<sub>2</sub> are bonded to each other to form a ring and -R<sub>2</sub>-Z<sub>2</sub>- is -NR<sub>6</sub>- CH=CH-; wherein R<sub>6</sub> is hydrogen or C<sub>1-5</sub> alkyl;

and

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### Y represents:

- (i) a single bond when L is selected from the group consisting of Formulae (III), (IIIa), and (IIIb); or
- (ii) -C(O)O- when L is selected from the group consisting of Formulae (IV), (IVa), and (IVb);

or a pharmaceutically acceptable salt, hydrate, or solvate thereof.

10. The compound according to claim 9 wherein:

### R<sub>1</sub> represents:

- (i) hydrogen, -CO<sub>2</sub>'Bu, or -CO<sub>2</sub>Bn (Bn is a benzyl group) when L is selected from the group consisting of Formula (IIIa); or
- (ii) hydrogen, C<sub>1-5</sub> alkyl, substituted C<sub>1-5</sub> alkyl, Bn, or substituted Bn when L is selected from the group consisting of Formula (IVa);
   wherein R<sub>3</sub> and R<sub>4</sub> are each hydrogen; and A and B are each independently a single bond or -CH<sub>2</sub>-;

 $R_2$  is  $-N(R_{2a})(R_{2b})$  or heterocyclyl; wherein  $R_{2a}$  and  $R_{2b}$  are each independently hydrogen or  $C_{1-5}$  alkyl;

 $Z_1$  is hydrogen,  $C_{1-5}$  alkyl, or  $C_{1-5}$  alkylthio;  $Z_2$  is hydrogen or  $C_{1-5}$  alkyl; or  $R_2$  and  $Z_2$  are bonded to each other to form a ring and  $-R_2-Z_2$ - is  $-NR_6$ - CH=CH-; wherein  $R_6$  is hydrogen or  $C_{1-5}$  alkyl;

and

## Y represents:

- (i) a single bond when L is selected from the group consisting of Formula (IIIa); or
- (ii) -C(O)O- when L is selected from the group consisting of Formula (IVa);

heterocyclyl is furyl, 1*H*-indolyl, morpholinyl, oxazolyl, piperidyl, pyridyl, pyrrolidyl, or 9*H*-xanthenyl;

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or a pharmaceutically acceptable salt, hydrate, or solvate thereof.

11. The compound according to claim 1 wherein Q is Formula (IIb);

 $R_2$  is  $C_{1-5}$  alkyl substituted by hydroxy,  $C_{1-5}$  alkyl substituted by carbocyclic aryl,  $C_{1-5}$  alkyl substituted by halogenated carbocyclic aryl,  $C_{1-5}$  alkyl substituted by heterocyclyl,  $C_{1-5}$  alkyl substituted by halogenated heterocyclyl,  $C_{2-5}$  alkenyl,  $C_{2-5}$  alkynyl, or  $-N(R_{2a})(R_{2b})$ ; wherein  $R_{2a}$  and  $R_{2b}$  are each independently hydrogen,

C<sub>1-5</sub> alkyl, or C<sub>1-5</sub> alkyl substituted by substituent(s) independently selected from the group consisting of:

- •halogen,
- •hydroxy,
- ·carboxy,
- ·carbamoyl,
- •C<sub>1-5</sub> alkoxy,
- •amino,
- •C<sub>3-6</sub> cycloalkyl,
- •carbocyclic aryl,
- •carbocyclic aryl substituted by substituent(s) independently selected from the group consisting of:
  - ••halogen,
  - •• $C_{1-5}$  alkyl,
  - ••C<sub>1-5</sub> alkoxy,
  - ••C<sub>1-5</sub> alkyl substituted by halogen,
  - ••C<sub>1-5</sub> alkoxy substituted by halogen, and
  - ••-SO<sub>2</sub>NH<sub>2</sub>,
- •heterocyclyl, and
- •heterocyclyl substituted by substituent(s) independently selected from the group consisting of:

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- ••halogen,
- ••C<sub>1-5</sub> alkyl,
- ••C<sub>1-5</sub> alkoxy,
- ••C<sub>1-5</sub> alkyl substituted by halogen, and
- ••C<sub>1-5</sub> alkoxy substituted by halogen,

carbocyclic aryl, carbocyclic aryl substituted by substituent(s) independently selected from the group consisting of:

- •halogen,
- $\cdot C_{1-5}$  alkyl,
- •C<sub>1-5</sub> alkoxy,
- •C<sub>1-5</sub> alkyl substituted by halogen, and
- •C<sub>1-5</sub> alkoxy substituted by halogen,

heterocyclyl, or heterocyclyl substituted by substituent(s) independently selected from the group consisting of:

- •halogen,
- $\cdot C_{1-5}$  alkyl,
- •C<sub>1-5</sub> alkoxy,
- •C<sub>1-5</sub> alkyl substituted by halogen, and
- •C<sub>1-5</sub> alkoxy substituted by halogen;

or a pharmaceutically acceptable salt, hydrate, or solvate thereof.

- 12. The compound according to claim 11 wherein  $R_1$  is selected from the group consisting of:
  - (i)  $C_{1-10}$  alkyl, and

 $C_{1-10}$  alkyl substituted by substituent(s) independently selected from the group consisting of:

- •halogen,
- •hydroxy,
- •oxo,

- •C<sub>1-5</sub> alkoxy,
- •C<sub>1-5</sub> alkoxy substituted by carbocyclic aryl,
- •C<sub>1-5</sub> alkylcarbonyloxy,
- •C<sub>1-5</sub> alkoxycarbonyl,
- •C<sub>1-5</sub> alkoxycarbonyl substituted by carbocyclic aryl,
- •carbocyclic aryloxy, and
- •carbocyclic aryloxy substituted by substituent(s) independently selected from the group consisting of:
  - ••halogen,
  - ••nitro,
  - ••C<sub>1-5</sub> alkyl, and
  - ••C<sub>1-5</sub> alkyl substituted by oxo,
- heterocyclyloxy,
- •heterocyclyloxy substituted by C<sub>1-5</sub> alkyl,
- •mono-carbocyclic arylamino,
- •di-carbocyclic arylamino,
- •carbocyclic arylsulfonylamino,
- •carbocyclic arylsulfonylamino substituted by C<sub>1-5</sub> alkyl,
- •C<sub>1-5</sub> alkylthio,
- ${}^{ullet}C_{1-5}$  alkylthio substituted by carbocyclic aryl,
- ·carbocyclic arylthio,
- •carbocyclic arylthio substituted by halogen,
- •carbocyclic arylthio substituted by C<sub>1-5</sub> alkyl,
- •carbocyclic arylsulfonyl,
- •carbocyclic arylsulfonyl substituted by halogen,
- •heterocyclylthio,
- •heterocyclylthio substituted by C<sub>1-5</sub> alkyl,
- •C<sub>3-6</sub> cycloalkyl,

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- •C<sub>3-6</sub> cycloalkenyl,
- ·carbocyclyl,
- •carbocyclyl substituted by C<sub>1-5</sub> alkoxy,
- •carbocyclic aryl, and
- •carbocyclic aryl substituted by substituent(s) independently selected from the group consisting of:
  - ••halogen,
  - ••nitro,
  - ${ullet}$   ${\bf C}_{1-5}$  alkyl, and
  - ••C<sub>1-5</sub> alkyl substituted by substituent(s) independently selected from the group consisting of:
    - •••halogen,
    - •••carbocyclic aryl, and
    - •••heterocyclyl,
  - ••C<sub>1-5</sub> alkoxy,
  - ••C<sub>1-5</sub> alkoxy substituted by halogen,
  - ••C<sub>1-5</sub> alkoxy substituted by carbocyclic aryl,
  - ••carbocyclic aryloxy,
  - ••mono-carbocyclic arylaminocarbonyl, and
  - ••mono-carbocyclic arylaminocarbonyl substituted by substituent(s) selected from the group consisting of:
    - •••halogen, .
    - •••C<sub>1-5</sub> alkyl,
    - •••C<sub>1-5</sub> alkoxy, and
    - •••C<sub>1-5</sub> alkoxy substituted by halogen,
  - ••di-carbocyclic arylaminocarbonyl, and
  - ••di-carbocyclic arylaminocarbonyl substituted by substituent(s) selected from the group consisting of:

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- •••halogen,
- •••C<sub>1-5</sub> alkyl,
- ••• $C_{1-5}$  alkoxy, and
- •••C<sub>1-5</sub> alkoxy substituted by halogen,
- ••C<sub>1-5</sub> alkylthio,
- ••C<sub>1-5</sub> alkylthio substituted by halogen,
- ••C<sub>1-5</sub> alkylsulfonyl,
- ••carbocyclic aryl, and
- ••heterocyclyl,
- •heterocyclyl, and
- •heterocyclyl substituted by substituent(s) independently selected from the group consisting of:
  - ••C<sub>1-5</sub> alkyl,
  - ••C<sub>1-5</sub> alkoxy,
  - ••C<sub>1-5</sub> alkoxy substituted by carbocyclic aryl,
  - ••carbocyclic aryl, and
  - ••carbocyclic aryl substituted by halogen,
- (ii)  $C_{2-5}$  alkenyl, and

C<sub>2-5</sub> alkenyl substituted by substituent(s) independently selected from the group consisting of:

- •carbocyclic aryl, and
- •carbocyclic aryl substituted by substituent(s) independently selected from the group consisting of:
  - ••nitro,
  - ••halogen,
  - •• $C_{1-5}$  alkyl,
  - ••C<sub>1-5</sub> alkyl substituted by halogen,
  - ••C<sub>1-5</sub> alkoxy, and .

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••C<sub>1-5</sub> alkoxy substituted by halogen,

(iii) C<sub>3-6</sub> cycloalkyl, and

C<sub>3-6</sub> cycloalkyl substituted by substituent(s) independently selected from the group consisting of:

- •C<sub>1-5</sub> alkyl,
- •C<sub>1-5</sub> alkyl substituted by carbocyclic aryl,
- •carbocyclic arylcarbonylamino, and
- •carbocyclic aryl,
- (iv) carbocyclyl, and carbocyclyl substituted by nitro,
- (v) carbocyclic aryl, and
   carbocyclic aryl substituted by substituent(s) independently
   selected from the group consisting of:
  - ·halogen,
  - •cyano,
  - •nitro,
  - •C<sub>1-9</sub> alkyl, and
  - •C<sub>1.9</sub> alkyl substituted by substituent(s) independently selected from the group consisting of:
    - ••halogen,
    - ••oxo,
    - ••mono-carbocyclic arylaminocarbonyl,
    - ••di-carbocyclic arylaminocarbonyl,
    - ••mono-carbocyclic arylaminocarbonyl substituted by C<sub>1-5</sub> alkoxy,
    - ••di-carbocyclic arylaminocarbonyl substituted by  $C_{1-5}$  alkoxy,
    - ••carbocyclic aryloxy,

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- ••carbocyclic aryl, and
- ••carbocyclic aryl substituted by substituent(s)

independently selected from the group consisting of:

- •••halogen,
- •••C<sub>1-5</sub> alkyl, and
- •••C<sub>1-5</sub> alkyl substituted by halogen,
- ••heterocyclyl, and
- ••heterocyclyl substituted by C<sub>1-5</sub> alkyl,
- •C<sub>2-5</sub> alkenyl,
- •C<sub>1-7</sub> alkoxy,
- •C<sub>1-7</sub> alkoxy substituted by halogen,
- •C<sub>1-7</sub> alkoxy substituted by carbocyclic aryl,
- •C<sub>3-6</sub> cycloalkoxy,
- •carbocyclic aryloxy, and
- •carbocyclic aryloxy substituted by substituent(s) independently selected from the group consisting of:
  - ••halogen,
  - . . nitro, and
    - ••C<sub>1-5</sub> alkoxy
- •heterocyclyloxy, and
- •heterocyclyloxy substituted by substituent(s) independently selected from the group consisting of:
  - ••halogen,
  - ••C<sub>1-5</sub> alkyl, and
  - ••C<sub>1-5</sub> alkyl substituted by halogen,
- •C<sub>1-5</sub> alkoxycarbonyl,
- •mono-C<sub>1-5</sub> alkylaminocarbonyl,
- •di-C<sub>1-5</sub> alkylaminocarbonyl,.

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- •mono-C<sub>1-5</sub> alkylaminocarbonyl substituted by carbocyclic aryl,
- •di-C<sub>1-5</sub> alkylaminocarbonyl substituted by carbocyclic aryl,
- •mono-carbocyclic arylaminocarbonyl,
- •di-carbocyclic arylaminocarbonyl,
- •mono-carbocyclic arylaminocarbonyl substituted by C<sub>1-5</sub> alkyl,
- •di-carbocyclic arylaminocarbonyl substituted by C<sub>1-5</sub> alkyl,
- •mono-C<sub>1-5</sub> alkylamino,
- •di-C<sub>1-5</sub> alkylamino,
- •C<sub>1-5</sub> alkylthio,
- •C<sub>1-5</sub> alkylthio substituted by halogen,
- •C<sub>1-5</sub> alkylsulfonyl,
- •carbocyclic aryl, and
- •carbocyclic aryl substituted by substituent(s) independently selected from the group consisting of:
  - ••C<sub>1-7</sub> alkyl, and
  - ••C<sub>1-7</sub> alkyl substituted by halogen,
- (vi) heterocyclyl, and

heterocyclyl substituted by substituent(s) independently selected from the group consisting of:

- ·halogen,
- •C<sub>1-5</sub> alkyl, and
- •C<sub>1-5</sub> alkyl substituted by substituent(s) independently selected from the group consisting of:
  - ••halogen,
  - ••oxo,
  - ••carbocyclic aryl,
  - ••carbocyclic aryl substituted by halogen,
  - ••heterocyclyl, and

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- ••heterocyclyl substituted by substituent(s) independently selected from the group consisting of:
  - •••halogen,
  - •••C<sub>1-5</sub> alkyl, and
  - •••C<sub>1-5</sub> alkyl substituted by halogen,
- •C<sub>1-5</sub> alkoxy,
- •C<sub>1-5</sub> alkylthio,
- •carbocyclic arylthio,
- •C<sub>1-5</sub> alkylsulfonyl,
- •carbocyclic arylsulfonyl,
- •carbocyclic arylsulfonyl substituted by halogen,
- •carbocyclic arylsulfonyl substituted by C<sub>1-5</sub> alkyl,
- •C<sub>1-5</sub> alkoxycarbonyl,
- •carbocyclic aryl, and
- •carbocyclic aryl substituted by substituent(s) independently selected from the group consisting of:
  - ••halogen,
  - . ••nitro, and
    - ••C<sub>1-5</sub> alkyl,
- •heterocyclyl, and
- •heterocyclyl substituted by substituent(s) independently selected from the group consisting of:
  - ••halogen,
  - ••C<sub>1-5</sub> alkyl, and
  - ••C<sub>1-5</sub> alkyl substituted by halogen;

wherein carbocyclic aryl is phenyl, naphthyl, or anthranyl; carbocyclyl is 1-oxo-indanyl, 9*H*-fluorenyl, 9-oxo-fluorenyl,

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anthraquinonyl, C-fluoren-9-ylidene, indanyl, or menthyl;

heterocyclyl is 1,2,3,4-tetrahydro-isoquinolyl, 1,2,3-thiadiazolyl, 1,2,3-triazolyl, 1,3-dioxo-isoindolyl, 1*H*-indolyl, 1*H*-pyrrolyl, 2,3-dihydro-1-oxo-isoindolyl, 2,3-dihydro-benzo[1,4]dioxinyl, 2*H*-benzopyranyl, 2-oxo-benzopyranyl, 2-oxo-pyrrolidinyl, 4-oxo-benzopyranyl, 9*H*-xanthenyl, benzo[1,3]dioxolyl, benzo[2,1,3]oxadiazolyl, benzo[1,2,5]oxadiazolyl, benzo[b]thienyl, furyl, isoxazolyl, morpholinyl, oxazolyl, pyridyl, pyridyl, pyrimidyl, pyrrolidyl, quinolyl, quinoxalyl, thiazolyl, or thienyl;

halogen is fluoro, chloro, bromo, or iodo; or a pharmaceutically acceptable salt, hydrate, or solvate thereof.

### 13. The compound according to claim 12 wherein:

 $R_2$  is  $C_{1-5}$  alkyl substituted by carbocyclic aryl,  $C_{1-5}$  alkyl substituted by halogenated carbocyclic aryl,  $C_{1-5}$  alkyl substituted by heterocyclyl,  $C_{1-5}$  alkyl substituted by halogenated heterocyclyl, carbocyclic aryl, carbocyclic aryl by halogen, heterocyclyl, heterocyclyl by halogen, or -  $N(R_{2a})(R_{2b})$ ; wherein  $R_{2a}$  and  $R_{2b}$  are each independently hydrogen,  $C_{1-5}$  alkyl,  $C_{1-5}$  alkyl substituted by hydroxy, or  $C_{1-5}$  alkyl substituted by halogen;

L is Formula (IIIa); wherein  $R_3$  and  $R_4$  are each independently hydrogen or  $C_{1-5}$  alkyl; and A and B are each independently a single bond, -CH<sub>2</sub>-, or - (CH<sub>2</sub>)<sub>2</sub>-;

 $Z_3$  and  $Z_4$  are each independently hydrogen, halogen,  $C_{1-5}$  alkyl substituted by halogen, mono- $C_{1-5}$  alkyl amino, or di- $C_{1-5}$  alkyl amino;

and

Y is -C(O)-, -C(O)NR<sub>5</sub>-, -C(S)NR<sub>5</sub>-, or -(CH<sub>2</sub>)<sub>m</sub>-; wherein R<sub>5</sub> is hydrogen or  $C_{1-5}$  alkyl; and m is 0, 1, or 2; Y is not -(CH<sub>2</sub>)<sub>m</sub>- provided that either  $R_{2a}$  or  $R_{2b}$  is hydrogen;

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or a pharmaceutically acceptable salt, hydrate, or solvate thereof.

- 14. The compound according to claim 13 wherein R<sub>1</sub> is selected from the group consisting of:
  - (i) C<sub>1-5</sub> alkyl substituted by substituent(s) independly selected from the group consisting of:
    - •hydroxy,
    - ·carbocyclic aryl,
    - •carbocyclic aryl substituted by halogen, and
    - •carbocyclic aryl substituted by halogenated C<sub>1-5</sub> alkyl,
  - (ii) carbocyclic aryl, and
    carbocyclic aryl substituted by substituent(s) independly selected
    from the group consisting of:
    - •halogen,
    - •cyano,
    - $\cdot C_{1-5}$  alkyl,
    - •C<sub>1-5</sub> alkyl substituted by halogen,
    - •C<sub>1-5</sub> alkoxy, and
    - •C<sub>1-5</sub> alkoxy substituted by halogen,
    - (iii) heterocyclyl, and heterocyclyl substituted by halogen;

 $R_2$  is  $C_{1-5}$  alkyl substituted by carbocyclic aryl or  $-N(R_{2a})(R_{2b})$ ; wherein  $R_{2a}$  and  $R_{2b}$  are each independently hydrogen or  $C_{1-5}$  alkyl;

L is Formula (IIIa); wherein R<sub>3</sub> and R<sub>4</sub> are each hydrogen; and A and B are each a single bond;

 $Z_3$  and  $Z_4$  are each independently hydrogen,  $C_{1-5}$  alkyl, mono- $C_{1-5}$  alkyl amino, or di- $C_{1-5}$  alkyl amino;

and

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Y is -C(O)-;

wherein carbocyclic aryl is phenyl;

heterocyclyl is furyl or pyridyl;

halogen is fluoro, chloro, or bromo;

or a pharmaceutically acceptable salt, hydrate, or solvate thereof.

15. The compound according to claim 14 wherein R<sub>1</sub> is selected from the group consisting of:

carbocyclic aryl, and

carbocyclic aryl substituted by substituent(s) independly selected

from the group consisting of:

- •halogen,
- •cyano, and
- •C<sub>1-5</sub> alkoxy;

 $Z_3$  is hydrogen when  $Z_4$  is  $C_{1-5}$  alkyl; or  $Z_3$  is  $C_{1-5}$  alkyl, mono- $C_{1-5}$  alkyl amino, or di- $C_{1-5}$  alkyl amino when  $Z_4$  is hydrogen; or a pharmaceutically acceptable salt, hydrate, or solvate thereof.

16. The compound according to claim 1 selected from the group consisting of:

3-chloro-N-(cis-4-{[2-(dimethylamino)-6-methylpyrimid $\mathbf{i}$  n-4-

yl]amino}cyclohexyl)-4-fluorobenzamide;

N-(cis-4-{[2-(dimethylamino)-6-methylpyrimidin-4-

yl]amino}cyclohexyl)-3,4-difluorobenzamide;

N-[cis-4-(2-dimethylamino-5-methyl-pyrimidin-4-ylamin o)-cyclohexyl]-3-methoxy-benzamide;

*N*-[*cis*-4-(2-dimethylamino-5-methyl-pyrimidin-4-ylamin o)-cyclohexyl]-3- trifluoromethyl-benzamide;

N-[cis-4-(2-dimethylamino-5-methyl-pyrimidin-4-ylamin o)-cyclohexyl]-3,5-bis-trifluoromethyl-benzamide;

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2,2-difluoro-benzo[1,3]dioxole-5-carboxylic acid [cis-4-(2-dimethylamino-5-methyl-pyrimidin-4-ylamino)-cyclohexyl]-amide;

4-cyano-*N*-[*cis*-4-(2-dimethylamino-5-methyl-pyrimidin-4-y-lamino)-cyclohexyl]-benzamide;

4-chloro-*N*-[*cis*-4-(2-dimethylamino-5-methyl-pyrimidin-4-ylamino)-cyclohexyl]-benzamide;

N-[cis-4-(2-dimethylamino-5-methyl-pyrimidin-4-ylamino)-cyclohexyl]-3-ethyl-benzamide;

N-[cis-4-(2-dimethylamino-5-methyl-pyrimidin-4-ylamino)-cyclohexyl]-3,4-difluoro-benzamide;

5-bromo-*N*-[*cis*-4-(2-dimethylamino-5-methyl-pyrimidin-4-ylamino)-cyclohexyl]-nicotinamide;

5-bromo-furan-2-carboxylic acid [cis-4-(2-dimethylamino-5 – methyl-pyrimidin-4-ylamino)-cyclohexyl]-amide;

3,5-dibromo-*N*-[*cis*-4-(2-dimethylamino-5-methyl-pyrimidira-4-ylamino)-cyclohexyl]-benzamide;

N-[cis-4-(2-dimethylamino-5-methyl-pyrimidin-4-ylamino)-cyclohexyl]-3-ethoxy-benzamide;

2-(3,5-bis-trifluoromethyl-phenyl)-*N*-[*cis*-4-(2-dimethylamir-10-5-methyl-pyrimidin-4-ylamino)-cyclohexyl]-2-hydroxy-acetamide;

2-(4-bromo-phenyl)-*N*-[*cis*-4-(2-dimethylamino-5-methyl-pyrimidin-4-ylamino)-cyclohexyl]-2-hydroxy-acetamide;

N-[cis-4-(2-dimethylamino-5-methyl-pyrimidin-4-ylamino)-cyclohexyl]-3,5-diethoxy-benzamide;

3-bromo-*N*-[*cis*-4-(2-dimethylamino-5-methyl-pyrimidin-4-ylamino)-cyclohexyl]-4-fluoro-benzamide;

N-[cis-4-(2-dimethylamino-6-methyl-pyrimidin-4-ylamino)-cyclohexyl]-3-ethoxy-benzamide;

N-[cis-4-(2-dimethylamino-6-methyl-pyrimidin-4- $\mathbf{y}$ lamino)-cyclohexyl]-3- trifluoromethyl-benzamide;

N-[cis-4-(2-dimethylamino-6-methyl-pyrimidin-4-ylamino)-cyclohexyl]-3,5-bis-trifluoromethyl-benzamide;

2,2-difluoro-benzo[1,3]dioxole-5-carboxylic acid [cis-4-(2-dimethylamino-6-methyl-pyrimidin-4-ylamino)-cyclohexy1]-amide;

4-chloro-*N*-[*cis*-4-(2-dimethylamino-6-methyl-pyr**i** midin-4-ylamino)-cyclohexyl]-benzamide;

*N*-[*cis*-4-(2-dimethylamino-6-methyl-pyrimidin-4-**y**lamino)-cyclohexyl]-3-ethyl-benzamide;

N-[cis-4-(2-dimethylamino-6-methyl-pyrimidin-4-ylamino)-cyclohexyl]-4-methyl-benzamide;

5-bromo-*N*-[*cis*-4-(2-dimethylamino-6-methyl-pyr**i**midin-4-ylamino)-cyclohexyl]-nicotinamide;

5-bromo-furan-2-carboxylic acid [cis-4-(2-dimethy lamino-6-methyl-pyrimidin-4-ylamino)-cyclohexyl]-amide;

3,5-dibromo-*N*-[*cis*-4-(2-dimethylamino-6-methyl-pyrimidin-4-ylamino)-cyclohexyl]-benzamide;

N-[cis-4-(2-dimethylamino-6-methyl-pyrimidin-4-ylamino)-cyclohexyl]-3-ethoxy-benzamide;

2-(3,5-bis-trifluoromethyl-phenyl)-*N*-[*cis*-4-(2-dim ethylamino-6-methyl-pyrimidin-4-ylamino)-cyclohexyl]-2-hydroxy-acetamide;

2-(4-bromo-phenyl)-*N*-[*cis*-4-(2-dimethylamino-6-methyl-pyrimidin-4-ylamino)-cyclohexyl]-2-hydroxy-acetamide;

N-[cis-4-(2-dimethylamino-6-methyl-pyrimidin-4-ylamino)-cyclohexyl]-3,5-diethoxy-benzamide; and

3-bromo-*N*-[*cis*-4-(2-dimethylamino-6-methyl-pyr**i**midin-4-ylamino)-cyclohexyl]-4-fluoro-benzamide;

or a pharmaceutically acceptable salt, hydrate, or solvate thereof.

17. The compound according to claim 1 selected from the group consisting of:

3-chloro-*N*-(*cis*-4-{[2-(dimethylamino)pyrimidin-4-yl]amino}cyclohexyl)-4-fluorobenzamide;

N-(cis-4-{[2,6-bis(dimethylamino)pyrimidin-4-yl]amino}cyclohexyl)-3,4-difluorobenzamide;

N-(cis-4-{[2-benzyl-6-(dimethylamino)pyri midin-4-yl]amino}cyclohexyl)-3-chloro-4-fluorobenzamide;

3,4-dichloro-*N*-[*cis*-4-(2-dimethylamino-6-methyl-pyrimidin-4-ylamino)-cyclohexyl]-benzamide;

4-cyano-*N*-[*cis*-4-(2-dimethylamino-6-methyl-pyrimidin-4-ylamino)-cyclohexyl]-benzamide;

N-[cis-4-(2-dimethylamino-6-methyl-pyrim idin-4-ylamino)-cyclohexyl]-3,4-diethoxy-benzamide;

3-chloro-*N*-[*cis*-4-(2-dimethylamino-6-methyl-pyrimidin-4-ylamino)-cyclohexyl]-5-fluoro-benzamide;

N-[cis-4-(2-dimethylamino-5-methyl-pyrim idin-4-ylamino)-cyclohexyl]-3,5-dimethoxy-benzamide;

3,4-dichloro-*N*-[*cis*-4-(2-dimethylamino-5-rnethyl-pyrimidin-4-ylamino)-cyclohexyl]-benzamide;

N-[cis-4-(2-dimethylamino-5-methyl-pyrim idin-4-ylamino)-cyclohexyl]- 3,4-diethoxy-benzamide; and

3-chloro-*N*-[*cis*-4-(2-dimethylamino-5-methyl-pyrimidin-4-ylamino)-cyclohexyl]-5-fluoro-benzamide;

or a pharmaceutically acceptable salt, hydrate, or solvate thereof.

18. The compound according to claim 11 wherein:

 $R_1$  is selected from hydrogen,  $-CO_2'Bu$ , or  $-CO_2Bn$  (Bn is a benzyl group);  $R_2$  is  $C_{1-5}$  alkyl substituted by carbocyclic arryl,  $C_{1-5}$  alkyl substituted by

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halogenated carbocyclic aryl,  $C_{1-5}$  alkyl substituted by heterocyclyl,  $C_{1-5}$  alkyl substituted by halogenated heterocyclyl, carbocyclic aryl, carbocyclic aryl by halogen, heterocyclyl, heterocyclyl by halogen, or -  $N(R_{2a})(R_{2b})$ ; wherein  $R_{2a}$  and  $R_{2b}$  are each independently hydrogen,  $C_{1-5}$  alkyl,  $C_{1-5}$  alkyl substituted by hydroxy, or  $C_{1-5}$  alkyl substituted by halogen;

L is Formula (IIIa); wherein  $R_3$  and  $R_4$  are each independently hydrogen or  $C_{1-5}$  alkyl; and A and B are each independently a single bond, -CH<sub>2</sub>-, or - (CH<sub>2</sub>)<sub>2</sub>-;

 $Z_3$  and  $Z_4$  are each independently hydrogen, halogen,  $C_{1-5}$  alkyl,  $C_{1-5}$  alkyl substituted by halogen, mono- $C_{1-5}$  alkyl amino, or di- $C_{1-5}$  alkyl amino; and Y is a single bond;

or a pharmaceutically acceptable salt, hydrate, or solvate thereof.

19. The compound according to claim 18 wherein:

 $R_2$  is  $C_{1-5}$  alkyl substituted by carbocyclic aryl or  $-N(R_{2a})(R_{2b})$ ; wherein  $R_{2a}$  and  $R_{2b}$  are each independently hydrogen or  $C_{1-5}$  alkyl;

L is Formula (IIIa); wherein R<sub>3</sub> and R<sub>4</sub> are each hydrogen; and A and B are each a single bond; and

 $Z_3$  and  $Z_4$  are each independently hydrogen,  $C_{1-5}$  alkyl, mono- $C_{1-5}$  alkyl amino, or di- $C_{1-5}$  alkyl amino;

wherein carbocyclic aryl is phenyl;

heterocyclyl is furyl or pyridyl;

halogen is fluoro, chloro, or bromo;

or a pharmaceutically acceptable salt, hydrate, or solvate thereof.

20. A pharmaceutical composition comprising a therapeutically effective amount of a compound according to any one of claims 1 to 19 in combination with a pharmaceutically acceptable carrier.

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- A method for the prophylaxis or treatment of improving memory function, sleeping and arousal, anxiety, depression, mood disorders, seizure, obesity, diabetes, appetite and eating disorders, cardiovascular disease, hypertension, dyslipidemia, myocardial infarction, binge eating disorders including bulimia, anorexia, mental disorders including manic depression, schizophrenia, delirium, dementia, stress, cognitive disorders, attention deficit disorder, substance abuse disorders and dyskinesias including Park inson's disease, epilepsy, and addiction comprising administering to an individual suffering from said condition a therapeutically effective amount of a compound according to any one of claims 1 to 19 or a pharmaceutical composition according to claim 20.
- A method for the prophylaxis or treatment of an eating disorder, obesity or an obesity related disorder comprising administering to an individual suffering from said condition a therapeutically effective amount of a compound according to any one of claims 1 to 19 or a pharmaceutical composition according to claim 20.
- A method for the prophylaxis or treatment of anxiety, depression, schizophrenia, addiction, or epilepsy comprising administering to an individual suffering from said condition a therapeutically effective amount of a compound according to any one of claims 1 to 19 or a pharmaceutical composition according to claim 20.
- 24. A compound according to any one of claims 1 to 19 or a pharmaceutical composition according to claim 20 for use in a method of treatment of the human or animal body by therapy.
- 25. A compound according to any one of claims 1 to 19 or a pharmaceutical composition according to claim 20 for use in a method of prophylaxis or treatment of an eating disorder, obesity or an obesity related disorder of the human or animal body by therapy.
- 26. A compound according to any one of claims 1 to 19 or a pharmaceutical composition according to claim 20 for use in a method of prophylaxis or treatment of anxiety, depression, schizophrenia, ad diction, or epilepsy of the human or

- animal body by therapy.
- A compound according to any one of claims 1 to 19 for the manufacture of a medicament for use in the prophylaxis or treatment of an eating disorder, obesity or obesity related disorders.
- 28. A compound according to any one of claims 1 to 19 for the manufacture of a medicament for use in the prophylaxis or treatment of anxiety, depression, schizophrenia, addiction, or epilepsy.
- 29. A method of decreasing food intake of an individual comprising administering to said individual a therapeutically effective amount of a compound according to any one of claims 1 to 19 or a pharmaceutical composition according to claim 20.
- 30. A method of inducing satiety in an individual comprising administering to said individual a therapeutically effective amount of a compound according to any one of claims 1 to 19 or a pharmaceutical composition according to claim 20.
- A method of controlling or reducing we ight gain in an individual comprising administering to said individual a therap eutically effective amount of a compound according to any one of claims 1 to 19 or a pharmaceutical composition according to claim 20.
- 32. A method of modulating a MCH receptor in an individual comprising contacting the receptor with a compound according to any one of claims 1 to 19.
- 33. The method of modulating the MCH receptor according to claim 32 wherein the compound is an antagonist.
- 34. The method of modulating the MCH receptor according to claims 32 or 33 wherein the modulation of the MCH receptor is for the prophylaxis or treatment of an eating disorder, obesity or obesity related disorder.
- 35. The method of modulating the MCH receptor according to claims 32 or 33 wherein the modulation of the MCH receptor reduces food intake of the individual.
- 36. The method of modulating the MCH receptor according to claims 32 or 33 wherein the modulation of the MCH receptor induces satisfy in the individual.

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- 37. The method of modulating the MCH receptor according to claims 32 or 33 wherein the modulation of the MCH receptor controls or reduces weight gain of the individual.
- 38. The method of modulating the MCH receptor according to claims 32 or 33 wherein the modulation of the MCH receptor is for prophylaxis or treatment of anxiety, depression, schizophrenia, addiction, or epilepsy.
- 39. The method of modulating the MCH receptor according to any one of claims 22, 23 and 29 to 38 wherein the individual is a mammal.
  - 40. The method of modulating the MCH receptor according to claim 39 wherein the mammal is a human.
  - 41. The method according to claim 40 wherein the human has a body mass index of about 18.5 to about 45.
  - 42. The method according to claim 41 wherein the human has a body mass index of about 25 to about 45.
  - 43. The method according to claim 42 wherein the human has a body mass index of about 30 to about 45.
  - 44. The method according to claim 43 wherein the human has a body mass index of about 35 to about 45.
  - 45. A method of producing a pharmaceutical composition comprising admixing a compound according to any one of claims 1 to 19 and a pharmaceutically acceptable carrier.